G-2234-67

BRUNSWICK.

A Charming Town in Maine—Its Origin Glanced at, and its Modern Appearance, Manners and Pleasant Places Described.

[Correspondence N. Y. Evening Mail.]

BRUNSWICK, ME., Sept. 27.

Now that the season is over at the fashionable resort and the chronicler is allowed to rest from his labors, there comes a moment when those interested may depart from the beaten track prescribed for the tourist, and find in the by-ways the charm left there by past legend and association added to present attraction. Those of Anglo-Saxon blood naturally turn to the New England shores for these spots, and find a never-ending interest in the vestiges left by our forefathers, whose firm and untiring energies and iron will made here the foundation and corner-stone for the whole United States of to-day. From the spot where first they landed they spread their influence on every side and bit by bit took possession of the forest primeval. The town of Brunswick, on the Androscoggin, was included in the original grant to the council of Plymouth, who, in July, 1639, granted a patent of it to Thomas Purchase. The indenture was given after the latter had resided some years in Brunswick, he having taken up his abode here in 1628, but the deed between John Winthrop, Governor of Massachusetts, and himself, was signed several years later. Harpswell, a neck of land near, was bought from the Indians at the same time by an early settler.

Brunswick is a charming old town two miles from the coast, and full of historical records of many of the oldest families of the colonies. Bowdoin College, founded by a gift from Gov. Bowdoin at the end of the last century, has sent into the world as its alumni many lights, now well known in the world of law and letters. Henry Wadsworth Longfellow graduated here, and then took for many years the position of Professor of Modern Languages in the college. Hawthorne was proud of his alma mater, Bowdoin; and the old walls have sheltered and sent forth many other now prominent sons. There is something about this part of Maine which seems to fit it to produce hardy and strong sons and daughters. The high, breezy tableland of hills, whose green expanse end in towering cliffs and rocky promontories on the neighboring sea coast, the bracing air and stimulating atmosphere, remind one a little of the wild, free influences of the northern islands of the Atlantic, the Orkney, Shetland and other high latitudes. One finds here types never met with elsewhere. Both in Brunswick and Bath can be seen in plenty good, stately, but rather stiff mansions, built by sea captains, who make in them a haven of rest, after a life of battle with storm and tempest, and finally settle down to a green old age in their native place, spinning long yarns in winter evenings, over roaring fires of drift wood, out of adventure by sea and flood, to wondering groups of townsmen, children and grandchildren.

After passing Portland the whole scene, and even types of people change; one feels the influence of the new, strong life of a section where the ruder but more forcible traits of men are constantly brought into play. The holiday-loving, gayety-seeking crowd are left far behind as a rule, and my neighbor in the car is a captain of a trading bark running to Liverpool, which he has left in Boston harbor and is on his way home to Brunswick with his wife who has made the last voyage with him. He finds the railroad dull, he says, after the chances of the ocean, but his spirits revive when he meets at Portland, where he joins the train, a friend in a young man who has miraculously escaped shipwreck on a brig which foundered at sea, and who, after floating round on a raft some time, has been picked up and is now on his way home. He narrates his adventures to the others, who take it all as a matter of course, merely asking, "Were you very hungry? Did you have anything to eat?" "Oh, yes," was the cheerful answer, "we had several cats which tasted deliciously broiled in slices."

There are two sets in society here as distinct in caste as Brahma could desire. The upper circle is the college set, comprising much cultivation and intellectual celebrity, and constantly recruited from the literary and scientific world; the lower town comprises the ship people or sea captain set, who have a very jolly circle of their own and do not mix at all with the other. Few people are aware of the art treasures possessed by Bowdoin College. Besides an undoubted Van Dyck, which represents the Governor of Gibralter, and for which $30,000 has been offered and refused, there are several Rubens, a very clever head of Mirabeau by a French artist of the time, painted from life, a fine collection of colonial portraits of the Bowdoin family, superb portraits of Jefferson and Madison by Stuart, some [illegible]ley's, Allston's and West's best efforts, [illegible]e collection of prints which are yet to [illegible] There are also two pictures by [illegible] were all

room set, or a good table full of "French chaney," now know that willow-ware and old carved mahogany have a market value, and are rapidly learning, when they see a stranger "to take him in," in other senses beside the scriptural acceptation of the term. But nevertheless there is a wonderful charm in the scenery and atmosphere and even in these same people who will continue to bring travellers to Maine and its shores.

FELIX.

"WHY SHOULD THEY KILL MY BABY?"

BY WILL CARLETON.

[The aged mother of the President is reported to have exclaimed as above upon hearing the news of his attempted assassination.

Why should they kill my baby?—for he seems
the same to me
As when, in the morning twilight, I tossed him
on my knee,
And sowed for him hopes to blossom when he
should become a man,
And dreamed for him such a future as only a
mother can.

I looked ahead to the noon-time with proud but
trembling joy;
I had a vision of splendor for my sweet bright-
eyed boy;
But little enough I fancied that when he had
gained renown,
Base Envy's poisoned bullet would suddenly
strike him down.

Why should they want to kill him? Because he
had cut his way
Through Poverty's gloomy woodland out into
the open day,
And sent a shout of good cheer to those who
were yet within,
That Honor is born of striving, and Honesty yet
can win?

Or was it because from boyhood he manfully
bared his breast
To fight for the poor and lowly, and aid the sore
oppressed?
Ah me! the world is working upon a treacher-
ous plan,
When he who has struck for mankind is stricken
down by man!

Or did they begrudge his mother the hand he
reached her still,
No odds how high he clambered up Fortune's
glittering hill?
For in his proudest life-day he turned from the
honors of earth,
And came and tenderly kissed me—the mother
who gave him birth.

Shame to the wretch that struck him, and
grieves that it did not kill!
And pity for his poor mother, if she be living
still.
May God in mercy aid him his black crime to
atone,
And help me to forgive him—I can not do it
alone!

—From Harper's Weekly, July 23.

[illegible] SESSION.

PORTLAND'S STATE TAX.

Under the tax of 4½ mills Portland will have to pay $137,054.20, and Cumberland county $232,102.58 of the state tax.

SHIP BUILDERS & MASTERS.

Organization of the Society at Augusta Yesterday.

[SPECIAL DISPATCH TO THE ARGUS.]

AUGUSTA, March 15.

A large number of gentlemen from different parts of the State interested in shipping, met in the Senate Chamber this evening for the purpose of organizing under the charter recently granted by the legislature. Capt. J. D. Winslow of Portland was chosen chairman and Dr. A. J. Fuller of Bath, Secretary. A list of 500 names, comprising gentlemen from all over the State, was handed in and it was voted to receive them as members of the association. A committee was appointed to nominate a list of officers. They subsequently reported the following:

President—Guy C. Goss of Bath.

Vice Presidents—Samuel E. Spring of Portland; Henry L. Houghton of Bath; Francis Cobb of Rockland; V. H. Coffin of Harrington; Edwin Flye of Damariscotta; Chas. H. Chase of Portland; James C. Johnson of Bath; J. W. Frederick of Belfast; Isaac Reed of Waldoboro; T. J. Southard of Richmond; Thomas J. Stewart of Bangor; J. H. Kimball of Bath [illegible]

Farm and Garden.

Written for the Portland Transcript.

THE CACTUS AGAIN.

The cactus attracts more attention of late years than formerly. Mr. Pike is not alone in his admiration of the family of the cacti. There are so many kinds, and all interesting, from the cactus *peruvianus* that rises to the height of thirty feet in its native place, the rocks of Peru, near the sea, to the *melocatus*, which is melon formed, with fifteen to twenty sides.

I have recently learned of some varieties hitherto unknown to me. The toad cactus has a blossom the shape and color of a toad. Who would not like such a curiosity in their garden?

Speaking of toads, I will tell some of the little readers what a toad did in our garden this summer. A potted geranium stood amongst the plants growing in a bed. Mr. Toad dug a hole out beneath the plant in the pot, and there he sat as soon as it came towards night fall, going out on a foraging expedition in the evening, and drawing the dirt over him in the day time. We dug him out so many times that at last he left in disgust.

Colorado furnishes the monkey head cactus, Texas offers the devil's pin-cushion; it will grow as large as a wash tub, shaped like a half globe, with tough horns growing out all around it. The corn cob, bird's nest, pine apple and tree all bear a strong resemblance to the objects for which they were named. The spider web cactus must be a great curiosity, as it grows in clusters, of three or more, which resemble a spider web.

I tried a few varieties once, but got discouraged as none blossomed but a lobster cactus, and the growth was so slow. Most people, I infer from observation, take too good care of these plants, as some of them do not need water oftener than once in two weeks. Oh! the plants that are drowned.

The century plant is quite easily propagated by the offsets. A writer on the merits of the cacti pronounces the summer the best time to root slips, and wet sand placed in the sun the preferable mode.

If you are troubled with insects on plants, try sprinkling with water in which saltpetre has been dissolved; a teaspoonful to a gallon of water. The humblest attempt at cultivatiing flowers brings a great reward. I like to see them scattered over a house, as a surprise, in every nook and corner. In our tiny library are two plants which afford me great pleasure there, but massed with others would be hardly noticed. The book shelves reach from the floor nearly to the ceiling. On the top, there is room for a few curiosities and a statuette of the Virgin and Babe. By its side I placed a small pot of German ivy. The statuette is now wreathed with living green, and long, trailing branches festoon the edge of the upper shelf. By the window, a western one, is a bracket, on that stands a wax plant. The rich, glossy leaves and pure, white flowers refresh the eye and light up the room with a freshness that lacks only fragrance. One little flower hides its modest head against the time-worn binding of a book, yellow with age, and published just as the Black Friar's Bridge, London, was completed. Thus youth and [illegible] The ivy thrusts its clinging [illegible]veen "Dr. Doddridge" and [illegible]orks," losing nothing by

[illegible]room, a parlor maple [illegible]s background, and a [illegible]t its base. At the [illegible] pots containing [illegible]er vine, money [illegible]s, with leaves [illegible]edge,

Sequel.

Written for the Daily Times.

Some four years ago, quite a sensational article appeared in the San Francisco "Chronicle," (copied from a Tuscarora paper), to the effect, that a certain nice young man, Mr. S. M. Potter, who has been a happy married man for about a year, was *not* a gentleman in fact, but a lady in disguise, and that his, or *her*—young wife, was to be married immediately, by a clergyman of the town, to a bona-fide man of her choice, and with the full consent and approval of her husband, the lady-man.

Here the story was abruptly left, incomplete, and though we readers of the "Chronicle" anxiously awaited the sequel, we waited in vain, it never came, and the story was finally regarded as a "Chronicle" canard, with no truth for its foundation.

This same little story appeared in many Eastern papers, copied from the enterprising "Chronicle."

Some weeks since, I chanced to meet a real genial couple,—Mr. and Mrs. William Potter, at the "Franklin House," one of Harrisburg's most home-like hotels. I, one day, related this story, when Mr. Potter told me S. M. was his sister, (Sarah Melissa Potter) and gave me her history, which I now give to the public, that, what was considered a reckless thing, may be properly understood.

She is a lady of thirty-five years, and has always been eccentric, having from her babyhood something of the boy nature, preferring tops and kites, horses and out of door pursuits, to doll-babies and dish-washing. Was always lover-like in her manner to girls, treating men and boys more as if she were one of them. Some years ago she had [illegible] to the West; in some way her trunk was [illegible] —a big Saratoga—with all her womanly attire. She was too independent to send home for money, the friends had disapproved of her leaving the home nest. She tried for many days to find employment, but failed, and became dispirited and discouraged, her money all gone and no hope of work. Early one morning, seeing a kindly faced woman in a store, she went in, told her story, and then and there effected a trade, giving her womanly garments in exchange for a suit of boy's clothes, and a little money. She had her hair cut man fashion, got a good breakfast, and paid her fare to a neighboring town, where she found employment, such as driving a baggage wagon. After this she had no difficulty in getting work for which she was well paid.

She met with various young ladies to whom she paid more or less attention, and finally made the acquaintance of Miss Emma ———. The two were mutually pleased with each other, and were much together. The father of the young lady was not favorable to the intimacy, and forbade his daughter to receive the young gentleman's attention, whereupon, she, the daughter, told S. M. of her unhappiness at home, having no mother nor sisters. She was quite alone with her father, who was dissipated and often unkind to her. S. M. told her the secret of her womanhood, and offered to take her under her protection, until she should find the "right one," the man of her choice and worthy of her affections. This could not be done without marriage. So the two were duly married, and kept house as Mr. and Mrs. Potter. S. M. having good business all the while, supported his wife well, and frequently bringing gentlemen home with him to dine, or pass the evening, the young lady had ample opportunity to form the acquaintance of a number of gentlemen, of whom, S. M. seeing them daily in their business pursuits, could judge as to their true characters, and their worthiness of a young girl's love.

Among the number, one seemed particularly pleased with Miss Emma, and as a gentleman, and a man of honor, he told S. M. he must discontinue his visits, then came disclosures and expectations and avowals among the three, which ended in the marriage of the two, with the entire approval of S. M. who was present at the marriage, and gave the bride away.

So the story became known and got into the papers.

Mr. Potter says S. M. has used the chest-tones, until she talks as manish as any man; but in form she was a perfect woman. She is at present with her mother, near Binghamton; and has donned womanly attire, but she does not seem satisfied or at ease in it; and there is no telling when she will again burst out as a man of business, a Richard III, or King Lear; for I predict for her boy nature will not long submit to the restraint of petticoats and trailed dresses.

EARTH TO EARTH.

The Last Sad Journey.

The train bearing the catafalque with its precious burden, arrived at Cleveland at half past ten Saturday night. Everywhere along the line, at city, village, hamlet or wayside station, the people thronged in multitudes. At Baltimore there must have been fifty thousand people. Said Dr. Boynton, "The station, the track, the bridge were black with them." From the vast crowd standing in the shadow of the heavy mourning on the station, blacker than the shadow of the coming darkness, not a sound escaped. In absolute silence and bareheaded they stood around the train bearing the nation's dead.

When the train entered the station Mrs. Garfield was sitting, as she had been since the departure from Washington, at the window, looking out at the incoming shadow of night. Dr. Boynton, who sat beside her, fearful that the sight of the people and their steady gaze at her would annoy the silent widow, rose without explaining his purpose, and attempted quietly to pull down the window shade and to shut out at once the crowd and the fast-gathering darkness. Mrs. [illegible], who had sat during the ride from [illegible] to Baltimore silent, listless [illegible] apparently in a brown study, put up [illegible] hastily, exclaiming, "No, no! Don't pull the shade down. I want to see the people; I am glad to see the people." So Dr. Boynton sat down again, and Mrs. Garfield gazed steadily at the crowded station until it was out of sight into the night. Through wakeful hamlets and aroused villages the special trains swiftly dashed. Within the cars everything was very quiet. Conversation among the cabinet, the friends and the guard of honor was carried on in a low tone. Mrs. Garfield said little at any time during the journey. She sat, save when aroused by some well meaning friend, absorbed in her own sad thoughts, with face close to the window glass. When she [illegible] it was of some pe[illegible] touching [illegible] tion of respect and affection [illegible] band.

At New York there was a very large [illegible] at the station. It was dark, but Mrs. [illegible] field pressed her face against the [illegible] and after a long look at the great throng said to Mrs. McVeagh, who sat beside her, "You don't know how I appreciate the kindness of the people," and she repeated the expression of her satisfaction at Harrisburg where a throng much greater than the New York had assembled. Mrs. Garfield [illegible] about midnight, as did most of the [illegible] She slept as well as she had for many [illegible] When Miss Mollie retired about [illegible] she came to her mother's side to kiss her good night. Roused by her daughter from her reverie, Mrs. Garfield turned lovingly to kiss her. When the poor girl saw her mother's sad, tear-stained face, she could not restrain her emotion. She burst into a flood of tears as she threw herself into her mother's arms. It was extremely touching to see the mother, forgetful for the moment of her own heavy burden of grief, and comforting the broken hearted child. She hushed her sobbing in her arms as though she had been but a babe. Having soothed the half-distracted little girl, and kissed her again and again with a farewell "God bless you," she sent her to bed.

Arriving at Cleveland, every possible demonstration of sorrow and respect for the honored dead was made. All day Sunday the people crowded in dense masses to get a glimpse, if possible, of the precious casket, and to pay their tribute of tears.

Rain which commenced falling about 9 P. M., continued for about half an hour. Just before the rain ceased an unusually bright rainbow became visible, its perfect lines being unbroken. The fact that the rainbow appeared while the body of President Garfield lay in state at Washington, again has a tendency to create the impression that it is an omen of good. According to statements of old citizens, never before was so great and orderly a crowd in the city. Many sad scenes occurred in the catafalque during the day. Strong men groaned, women cried, and the scene at intervals was decidedly touching.

Yesterday, all that was mortal of James A. Garfield was committed to the tomb. His dust is mingled with the earth, but his name liveth evermore.

"GARFIELD IS DEAD."

THOS. P. I. MAGOUN.

Hark! 'tis a mourning nation,
Weeps for its fallen Chief,
Stilled is the voice of gladness,
Rent is the air with grief.

Remarks by Mr. F. B. Torrey.

We meet to mourn our President. God appeared to us in prosperity and adversity. The sunshine and the rains and dews of Heaven have bidden the earth to yield an abundant harvest. Yet in adversity God comes to us in the sadness of this hour and has taken away our President, who has gone to the other shore.

None of us can fathom the future and as we look and ask where is the future? Echo answers where? If there is no future life and no God, why are we here and why do we mourn? We may as well eat, drink and be merry, for to-morrow we may die; but if there is a future, a God of love who rules in heaven and earth and among the children of men there is a lesson for us to learn to-day.

Perhaps the lesson may be, that we have misunderstood the South and magnified their errors. And we must remember that this day they mingle their tears with our tears and their prayers with our prayers, and let this day and its solemn teaching contract these prejudices and bring us together as an united people. Perhaps from the shadow of this grief we shall rise a more pure and united government. Perhaps this is God's lesson for us. If this is the lesson and we learn it, we shall certainly be a stronger and more powerful nation and the loss will not be in vain.

After the death of President Lincoln, when the maddened crowd were about to assault the New York World and which if unstayed might have laid all New York in ashes, President Garfield made use of these memorable words—"God reigns and the government at Washington still lives," and now to-day he bids me say to you God reigns and the Government at Washington still lives.

THE LITTLE COOK.

From the Youth's Companion.

To-day I made feather cake,
And oh, it was such fun;
I was just as happy as I could be,
When the cake was done.

One egg, that is the rule,
To make it light as a feather—
Humpty dumpty, now you're apart,
Nobody can put you together.

Here is the butter ball,
Made of cowslip and clover;
Take a spoon just level full,
And not a particle over.

With a cup of sugar beat it,
And beating is half the making;
It hurts your arm, but grandma says
Arms are the better for aching.

Here is the bowl of milk,
The gift of our pretty Daisy;
She's out in the meadow cropping grass,
Sleek and happy and lazy.

Half a cup is enough,
To scant it a little is better;
Grandma says in cooking rules
We must never go by the letter.

One cup of snow-white flour,
I remember the wheat a-growing,
And how the warm wind tossed it about,
And set the green waves flowing.

And now for a little sour—
Sometimes sour is a treasure;
Of cream-of-tartar, one teaspoonful,
Of soda half the measure.

Now if your oven is right,
Your cake will be light as a feather,
I hope there are ever so many of you,
To eat it altogether.

Mrs. M. F. Butts.



EN[illegible]

ERS

a[illegible]

KE[illegible]

ENTO STREET,

CO.

A Good Baptist

clergyman of Bergen, N. Y., a strong temperance man, suffered with kidney trouble, neuralgia, and dizziness almost to blindness, over two years after he was told that Hop Bitters would cure him, because he was afraid of and prejudiced against "Bitters." Since his cure he says none need fear but trust in *Hop Bitters.*

How it Was!

At the battle of Gettysburg I was shot through the left leg and was sent to the hospital. The army surgeons relieved me but pronounced my case incurable. It discharged pieces of bone, and for years I have suffered with a running sore I tried everything which my limited means would allow, and experienced no relief until I tried Sulphur Bitters. I am now almost well, and shall continue their use.—*Old Soldier.*

From San Francisco towards Yokohama Engd

H.	K.	½ K.	Courses.	Winds.	~~Leeway~~ Barometer	Remarks, Saturday 13 day of September 1879
1	5		E by S		30.05	I commence my Burst
2	5					Logging down to the Line in
3	5					the North Pacific making
4	5		East	SSE	"	Poor Progress against Light
5	5		ENE			winds & Calms Sailed this
6	5			"		24 hours
7	5					24 hours 1 Turtle about
8	5					log over as a Bird
9	5		"	"	"	
10	5					Middle part squally
11	6		"			and baffling winds & Calms
12	6			"	"	24 hours
1	6					
2	6					
3	6		"	"		
4	6				"	
5	6		ENE	SSE		
6	6					Latter part strong &
7	7					
8	7		"	"	"	At Meridian the Same
9	7					
10	7					all well Pumps
11	7		"	"		attended to Since
12	7				"	this day

23 7/7 Miles Sailed 23 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
ENE	130	—	—	—	37 1	7° E	—	—	115 50

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 14 day of September 1879
1	7		ENE	SSE	30.05	
2	7					This day begins with strong
3	7					SSE Squalls attended with passing
4	7		"	"	"	Rain Squalls
5	8					
6	8					
7	8					
8	8					
9	8		"	"	"	Middle part Same
10	8					weather
11	8					
12	8					
1	8		"	"	"	
2	8					
3	8					
4	8					Latter part strong
5	8					
6	8		"	"	"	and squally
7	8					
8	8					
9	8					At Meridian the Same
10	8		"	"	"	
11	8					all well Pumps attended
12	8					

253 7/7 Miles Sailed 23 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SWbW	180	—	—	—	34 7	6° E	—	—	118 30

From San Francisco towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, 15 day of September 1879
1			SWbW	SE	Reckoned 2 Knots	PM comes in with strong SE winds & heavy head sea & heavy rain squalls
2						
3						
4			"	"	"	
5						
6						
7						
8			"	"	"	
9						
10						
11						
12			"	"	"	Middle part Same weather
1						
2						
3						
4						
5			"	"	"	
6						Latter part Light and baffling
7						
8						
9			"	"	"	
10						At Meridian Same
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WbW	150	—	—	—	2 30	6°E	—	120 32	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tue 16 day of September 1879
1			SW	SE	Reckoned 3 Knots	Commencing with Light baffling airs & Calm & heavy Rain Showers
2						
3						
4			"	"	"	
5						
6						
7						
8			SWbS	"	"	
9						
10						
11						
12			"	"	"	Middle part Strong
1						
2						
3						
4						Latter part Same weather to the End
5			"	"	"	
6						
7						
8			SWbS	SE	"	Crew employed Painting Boats and other jobs
9						
10						
11						all well Pumps dry
12						& Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SWbW	130	—	—	—	2-11	8°E	—	—	12430

From San Francisco towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 17 day of September 1879
1			SWbS	SE	Reckoned 3 Knots	Commencing with strong SE winds & small rain & heavy
2						
3						
4			"	"	"	
5						Carpenter employed cutting mast Plugs in Hatch & Companion putting every thing in order
6						
7						
8			"	"	"	
9						
10						Middle part More Moderate with Light rain Showers
11			SSW	SE		
12						
1						
2			"	"		
3						
4						
5						
6			SW	SE		Latter part strong and baffling
7						
8						
9			"	"	"	
10						At Meridian Same
11						Crew employed Painting Boats & other jobs
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	180	—	—	—	0°18	6°E	—	—	12620

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thu. 18 day of September 1879
1			SWbS	SE	Reckoned 3 Knots	
2						
3						During these 24 hours fine & SE winds & small sea with Light passing Showers
4			"	"	"	
5						
6						
7						
8						Carpenter employed in various jobs
9			"	"	"	
10						
11						
12						Middle part Same
1			"	"	"	
2						
3						
4						
5			"	"	"	
6						
7						
8						Latter part Strong
9						and steady
10			"	"	"	
11						At Mid the Same
12						all well Pumps attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SWbW	170	—	—	—	2 35	6°E	—	—	12700

From San Francisco towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Fri 19 day of Septem 187
1			South	Eyt	Beaufd	
2					3005	P M Comes in with
3						Brig Bruce Lt Lt passing above
4						
5						
6			"	"	"	
7						
8						
9						
10						
11			"	"	"	Middle part Dense
12						
1						weather
2						
3						
4			"	"	"	
5						
6						
7						
8						Latter part Thang
9			"	"	"	Eathy Winds Leady
10						
11						at Mid Day all well
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob
S½W	200	—	—	—	6 00 6	—	—	—	128 10

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 20 day of September 187
1			S½W	Eyt	Beaufd	
2					2005	Commencing Thang
3						Eathy Light
4						Leavy Dead with Lg Ht
5			"	"	"	passing abeam
6						
7						
8						
9			"	"	"	
10						
11						Middle part Dense
12						
1						Weather
2			"	"	"	
3						
4						
5						
6			"	"	"	
7						
8						Latter part
9						Thang and part
10						
11			"	"	"	at Meridian this
12						Same

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SbyW	210	—	—	—	9 28	6 0 E	—	—	129 10

From San Francisco towards Falmouth Eng^d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun 21 day of September 187
1			S½W	Eyt	3005	Begins Thang Lungs
2						Leady Eathy Breath
3						
4					"	
5			"	"		
6						
7						
8						
9					"	Middle part equally
10			"	"		
11						Maj R L Laid
12						sent Dr down for repairs
1					"	
2			"	"		
3					3016	
4						
5						
6			"	"		Latter part Thang and
7					"	
8						equally at Meridian
9						
10			"	"	"	the Same
11						
12						Do Encs Leady

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SbyW	210	—	—	—	12 46	5 0 E	—	—	129 50

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 22 day of September 187
1			S½W	Eyt	Beaufd	
2					2010	This day begins with
3						Thang equally fine
4						Cold Weather with a
5			"	"	"	Leady Lead
6						
7						
8						
9						
10			"	"	"	Middle part Eathy
11						
12						
1						
2						
3					"	
4			"			
5				"		Latter part equally
6						"
7					4	
8						at Meridian this
9			South	East		Same
10						
11			"	"	"	all well
12						Ships Attendance

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SbyW	220	—	—		16 05	6 0 E	—	—	130 20

From San Francisco towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues 23 day of September 18
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 24 day of September 18
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From San Francisco towards Falmouth & Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 25 day of September 18
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon 28 day of September 18
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From San Francisco towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat. 27 day of September 1875
1	9		Lyw	Eyn.	Barometer	PM come with showy
2	9				30 30	Early winds Lear Sea
3	9		"	"		morning & clear weather
4	9					over the Ship at 2 PM
5	9				"	Sounded 17 & 19 Fath Lyen by
6	9					outer jib Hyd to see the ship
7	8		"	"		from pitching so heavy &
8	8					3 PM Sea smooth Sail
9	8				"	all Sail
10	8					Less eight of the M. P. Spars
11	8		"	"		to ground tackling the cable and
12	8				"	Midnight moderate
1	8					breeze & all Sail with
2	8					thick pissing clouds
3	7					
4	7		"	"	"	
5	7					
6	7		South	East		
7	7				"	
8	7		"	"		Latter part showers with
9	7		SEE	ENE		thick Heavy Squalls &
10	7					Lightning Thunder Heavy
11	7		"	"	"	Sail which kept them reefing
12	7					to Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SEE	170	—	—	—	2 48	5° E	—	—	135-36

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 28th day of September 1875
1	7		SEyS	ENE	Barom.	Commencing with Light
2	7				30 30	breezes Fine weather
3	7					& SEyS Sail
4	7					
5	7		"	"	"	
6	7					
7	7					
8	7		"	"	"	
9	7					
10	7					Middle part Dense
11	7					wind with thick pissing
12	7		"	"	"	clouds
1	7					
2	7					Killed one of the Boys
3	7					that have fish Park for Dinner
4	7		"	"	"	
5	7					
6	7					
7	7					Latter part Strong
8	7		SEW	East		Baffling and Squally
9	7					
10	7		"			At Meridian Dense
11	7					Dense Land Light Sail
12	7				"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE	147	—	—	30 00	—	6° E	—	135-00	

From San Francisco towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 29 day of September 1875
1	8		Lyt	ESE	Barom.	This day Light showy
2	8				30 30	Early winds Lear Sea
3	8					with passing squalls
4	8		Lookt	SEyE	"	of wind and Rain
5	8					3 PM Sounded 17 Fathoms
6	8					Thz & J Sails outer jib
7	7					
8	7		"	"	"	
9	7					do Sea smooth Light
10	7					putting the whole Heavens
11	7				30 35	under, obliged to keep
12	7		"			Ship Scudding Sail Carried
1	6					Ship Scudding
2	6			East	"	
3	6					Midnight showy and
4	6					Squally
5	6		"			
6	6		LSE	ESE	"	
7	7					Latter part Dense Squalls
8	7					and Steady Sail & Sail
9	8		"	"	"	
10	8				"	At 11 do Sail Lyd Light
11	8					At Meridian fresh
12	8		"	"	"	ESE runs Heavy Sea

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE	160	—	—		32 36	6° E	—	134 24	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues. 30 day of September 1875
1	8		LSE	Eyt	Barom.	
2	8				30 30	Commencing with Fine
3	8					Light Winds Heavy Sea with
4	8		"	"	"	Head with passing Clouds
5	8					
6	8					
7	8					
8	8					
9	8		"	"	"	Middle part Dense
10	7					weather
11	7					
12	7					
1	7		"	"	"	
2	7					
3	8					
4	8					
5	8		"	"	"	Latter part showers
6	8					with Heavy squalls
7	8					and Light breezes
8	8					
9	8		"	"	"	Cloudy at with Heavy
10	8					Sea quantity of Birds round
11	8					the Ship
12	8		"	"	"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LyE	180	—	—	—	35-28	6° E	—	—	134 40

From San Francisco towards Falmouth Engd

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 3rd day of October 1877
1	7		Eby S	Eby S	Brisk 2030	P.M. Cypress in with Modgate Ecliff moors Leave Dartford Fine and Hazy Dby
2	7					
3	7		"	"	"	
4	7					
5	7					
6	7					
7	7		"	"	"	
8	7					
9	7					
10	7					Middle part Same weather
11	7		"	"	"	
12	7					
1	7					
2	7					
3	7		"	"	"	
4	8					
5	8					
6	8					Latter part Strong and Cloudy very Cold
7	8		"	"	"	
8	8					
9	8					good Mod. Lepe Passing
10	8		"	"	"	Around the Ship
11	8					so Ends this day
12	8					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Eby S	170	—	—	—	38 04	6° E	—	133-20	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thur 2 day of October 1877
1	8		Eby E	ENE	Brisk 2035	
2	8					Commencing with fine
3	8					ENE winds Clear Weather
4	8		"	"		Fine with Light passing
5	8				"	Clouds
6	8					
7	8					
8	8		"	"	"	
9	10					
10	10					
11	10				"	Middle part Strong
12	10		"	"		Winds & Clear
1	10					
2	10					
3	10				"	
4	10					
5	10		"	"		Latter part Stiff Fine
6	10					Some with of bobbing
7	10		ESE	NE	"	and
8	10					
9	10					at Meridian the Same
10	10		"	"	"	Capers employed putting
11	10					up Trunk Lashing and
12	10					Pooping so Ends this
			"	"		day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Eby E	220	—	—	—	40 12	6° E	—	—	129 41

From San Francisco towards Falmouth Engd

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Fri 3 day of October 1877
1	6		Eby S	NE	Brisk 2025	This day begins with fine
2	6					NE winds small sea with
3	6					Thick passing clouds
4	6					
5	6				"	
6	6					
7	6		"	"		"
8	6					
9	6				"	Middle part baffling
10	6					
11	6					
12	6					
1	6		"	"	"	
2	6					
3	6			NNE	"	Latter part steady
4	6					
5	6					
6	6		"	North		at Meridian this Same
7	6				"	
8	6					
9	6					all well
10	6		"	"		
11	6				"	
12	6					Pumps attended
						to so Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
ESE	216	—	—	—	41-51	10° E	—	125-26	—

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 4 day of October 1877
1	6		2 Pts S	North	Brisk 2035	
2	6					Commencing with Strong
3	6					Winds & Small
4	6		"	"	"	Sea with Light
5	6					passing Clouds
6	6					
7	6					
8	6		"	"	"	
9	6					Crew employed in Various
10	6					Jobs
11	6		"	"	"	
12	6					Middle part baffling
1	6			NNW		
2	6					
3	6					
4	6				"	
5	6					
6	6		"	NW		
7	6					Latter part Moderate and
8	6					baffling
9	6		"	NNW	"	
10	6					at Meridian this
11	6					Same
12	6		"	WbN		all well
					"	Pumps attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
ESE	190	—	—	—	43 07	10° -	—	—	121 24

From San Francisco towards Falmouth Eng.

Remarks, Sun. 5 day of October 1874

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks
1	6		E½S	NNW	Broad	Commencing with fine
2	6				2035	Weather Drizzle Lead fine
3						NW Winds
4	7					
5	7		"	"	"	
6	8					
7	8					
8	8					Middle part moderate
9	8		"	"	"	with Fog and Mist
10	8					
11	8					
12	8					
1	8					
2	8		"	"	"	
3	8					
4	8					Latter part still Fog
5	8					
6	8		"	"	"	and Mist
7	8					At Meridian
8	8					the same
9	7					
10	7		"	"	"	
11	7					Killed one Pig fish
12	7					Mess for Sunday
	6					Ends this day

6350 miles Sailed 44 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E½S	180	—	—	44.00	44 20	14° E	—	117° 24	

From San Francisco towards Falmouth Eng.d

Remarks, Tues. 7 day of October 1874

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks
1	7		E½S	NNW	Broad	This day begins with fine
2	7				30 20	NW Winds and Small Lead fine
3	8					weather
4	8		"	"	"	
5	8					
6	8					
7	8					
8	8		"	"	"	
9	8					Middle part same
10	8					weather
11	8		"	"	30 25	
12	8					
1	8					
2	8					At 4 P.M. thick Fog
3	8					and Mist
4	8					
5	8		"	"	"	
6	8					
7	8				-	Latter part passing Fog
8	8					Squalls
9	8		"	"	"	with a heavy Lead
10	8					At Meridian thick same
11	8					All well
12	8					Pumps attended

6653 Miles Sailed 46 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E½E	180	—	—	—	46 28	16° E	—	—	105 15

Remarks, Mon. 6 day of October 1874

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks
1	7		East	WNW	Broad	
2	7				2035	PM comes in with
3	8					fine NW winds Small
4	8					Lead with light pering
5	8		"	"	"	Clouds
6	8					
7	8				30 20	
8	8			NW	-	
9	8					
10	8		"			Middle part Thick Fog
11	8					and Mist
12	8			"	"	
1	8					Carpenter employed in
2	8					putting up Lockers in the Rock
3	8			WNW	"	
4	8		"			
5	8					
6	8					Latter part Light
7	8			"	"	Variable Airs Small
8	8					Lead Fog and Mist
9	8		"		"	at times
10	8			"		
11	8					Ends this day
12	8					

6485 Miles Sailed 45 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E½S	175	—	—	—	45 18	15° E	—	11336	

Remarks, Wed. 8 day of October 1874

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks
1	8		East	WSW	Broad	
2	8				30 25	Comes in with strong WSW
3	8					winds heavy Lead with pering
4	8		"	"	"	Fog Squalls
5	8					
6	8					
7	8		"	"	"	
8	8					
9	8			West		
10	8				"	Middle part very baffling
11	8		"			
12	8				30 20	thick and Rainy
1	8					
2	8			NWW	"	
3	8		"			
4	8					
5	8			NW	30 15	
6	8		"	"	"	Latter part steady NW
7	8					winds small Lead with
8	8			NNW	30 10	Mist and Fog
9	8					
10	8		"	"		At Meridian the
11	8			"	30 05	same
12	8		"			all well Pumps attended

6835 Miles Sailed 47 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E½S	180	—	—	47 23	47 31	20° E	—	104 49	

From San Francisco towards Tolanoa

Remarks, Thurs 9 day of October 18

H.	K	½ K	Courses.	Winds.	Leeway.	Remarks, Thurs 9 day of October 18
1	8		East	SSW	Barom'r Commencing with strong
2	8				30 00 SW Variable Throughout
3	8				Mist and Rain
4	9				all Sail and
5	10		"	"	"
6	11				29 80
7	11				
8	11				
9	11		"	"	"
10	11				Middle part Thunder and
11	10				squally Barometer fluctuating
12	10			SW	29 70 heavy all Sail Split Sails
1	10				& do Split Jib & do Still
2	10		"	SWW	Increasing Reefed Mainsail &
3	10				Reef'd Fore T. Sails
4	9				29 60
5	9			NW	"
6	9				Latter part baffling
7	9		"	WNW	" moderated at all Sail
8	9				
9	9				At Meridian dirty and
10	9			"	" Rainy weather threatening
11	9		"		so ends this day
12	9			"	"

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
ESE	280	—	—	48 47	44 12	21° E	—	100 00	99 44

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 10 day of October 18
1	9		East	WNW	Barom'r	
2	9				29 60 PM comes in with thick
3	9				WNW rainy Leave Head
4	9				sails Furl Up and Mizz
5	9		"	"	"
6	9				
7	9				
8	9			SW	29 50 H. P.M. Squally
9	9				
10	9				
11	9				Middle part wind Veers
12	9		"	SSW	29 40 to North Rainy
1	8			South	"
2	8				At 3 A.M. Calm
3	8		"		
4	8			West	29 50
5	8				
6	8				At 4 A.M. wind changed
7	8		"	"	to West
8	8				
9	8				29 60 Latter part Steady
10	8		"	"	Westerly strong Leave 2 Reefs
11	8				29 70 fresh weather all Sail
12	8		"	"	Set at Meridian
					the Same all well

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
ESE	150	—	—		50 30	22° E	—	96 14	

From San Francisco towards Falmouth Eng'd

Remarks, Sat 11 day of October 18 79

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 11 day of October 18 79
1	8		East	West	Barom'r	This day begins with Moderate
2	8				29 70 winds Steady and fine weather
3	8				
4	9		"	"	"
5	9				
6	9				
7	10			WNW	
8	10				29 60
9	10				Middle part wind veers
10	10			SW	Thick and Rainy
11	10				all Sail Set
12	10		"	NNW	"
1	10				
2	10			North	
3	9		"	"	"
4	9				
5	8			NW	
6	8		"		
7	7			SW	Latter part wind change
8	7				to West fresh
9	7		"	WSW	
10	7				At Meridian the
11	7			West	29 70 Same
12	7		"	WbN	all well
					Pumps attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SbE	208	—	—	—	52 05	24° E	—	91 16	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun 12 day of October 18 79
1	7		ESE	WSW	Barom'r	
2	7				29 70 This day begins with fresh
3	8			West	breezes and fine weather Small
4	9		"	"	29 60
5	9				
6	10			"	29 80
7	11				
8	11		"		
9	11			"	"
10	11				Middle part wind
11	11		"	WNW	29 75 baffling Squally
12	11				Passed Lizard Light Sails
1	11			NW	"
2	11				
3	11		"	NNW	
4	11				29 70
5	10				
6	10			"	Latter part Steady NW wind
7	10				Leave Off with Squally
8	10		"		" Passing Clouds
9	10			"	
10	10				
11	10				At Meridian the Same
12	10		"	"	all well
					Pumps attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
ESE	230	—	—	53 28		24° E	—	85 25	

From San Francisco towards Falmouth Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 13 day of October 18 7
1	10		E½S	SSW	Barod	This day begins with strong
2	10				29 70	Sathers, fresh Leavy sea Sick
3	10		"	North		thick & threatening clouds with
4	10				29.60	Rain Barometer falling
5	10			NNE		At 3 PM handed all Light
6	9		"	NE	29 50	Sails & do Lof G Sail Ruf Main
7	8			"		Sail 6 do Ruf & Lof Sails
8	7		"	NNE	29 30	
9	6					Middle part very dusky squid
10	6			North	29 20	from North thick cold Raing handed
11	6		"			the Sails Mainsail
12	6					
1	6			"		
2	6		"		29 10	4 A.M. Ruf Lof. Sails 6
3	6			"		do LG Sail
4	6		"	NNW	29 00	
5	7			NW		
6	8					At 10 A M Ruf wind to
7	9		"	"	"	NW blowing a whole gale Hove
8	10			"		Sail to 3 Lower Lof Sail & Set Jib
9	10		"	NNW	"	Ruf to Ship Ens N. leave the Lea
10	10			2 W		At M.N. blowing a heavy gale
11	10		"	"	"	from WSW West with Rain Squalls
12	10		"	"	"	so Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
ESE	180	—	—	5457	—	26°E	—	80°40'	—

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues. 14 day of October 18 7
1	10		E½N	SW	Baro	
2	10				29.00	PM comes in blowing
3	10					strong SW gale with heavy
4	10		"	"	29.80	Sea with heavy squalls
5	10					under Lower Lofts and
6	9				"	Foresail 6 PM moderated
7	9					Sat whole Top Sails
8	9		"	WNW	29 20	& ds Sat Lof G Sails
9	9					
10	9				"	Midnight strong and squally
11	9					
12	9		"	"	29 30	over Large quantity Birds
1	9					Around the Ship
2	9				"	
3	9					
4	9		"	West	29 40	Latter part heavy squalls
5	9					Sat all Light Sails
6	9				"	
7	9					
8	9	E½N		WNW	29.50	At Meridian strong SW
9	9					squalls Heavy Sea with
10	9		"	WNW	"	thick Jersing Clouds
11	9					all fresh
12	9		"	"	"	Pumps attended to D.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
ESE	200	—	—	55 58	55 58	26°E	—	75 14	

8 0 33 Miles Sailed 53 days out

From San Francisco towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 15 day of October 18 79
1	9		E½S	NW	Baro	Commencing with strong
2	9				29 50	W winds heavy sea with
3	9		"	NNW		one current Took over the
4	10					ship all sail on.
5	10				"	
6	10					Large Lat Cape Roggeny and
7	11		"	"		Cape Horn round the ship
8	11					
9	11				"	
10	12		"	"		Middle part heavy squalls
11	12					Squally Lenard Light Sails
12	12					& do Landed Foresail Mz.
1	12				29 40	7 G Sail Mainsail
2	12		"	"		Midnight strong
3	12					and squally
4	12				"	
5	11					
6	11		E&E	NW		Latter part squally
7	11				29 35	set all Sail
8	11		"			Nothing big progress round
9	11			NNW		the Cape
10	11		NE½E	Mod	"	At Meridian strong
11	11					Squally winds heaving Lyder
12	11		"	"	"	all Sail on

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
ENE½E	260	—	—	56 46	56 46	25°E	—	67 26	67 26

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 16 day of October 18
1	11		SE	West	Barom	First part three 24 hours
2	11				29 35	strong Westerly winds heavy
3	11					Sea fresh thick Jersing Clouds
4	11		"	"		all Sail Sat
5	10				"	At 5 PM saw the Land
6	10			"		Capt Dunn bearing SW & W just 20
7	10		"	WNW		miles from which I take a Departure
8	10					
9	10				"	Middle part very squally
10	10			NW		At 2 PM heavy squall from
11	10				29 40	SW took in all Sail but G
12	10		"			Sail Courtesy
1	10					Midnight strong & Variable
2	9			"	"	with high Lightning in the Northward
3	9		"			At 3 A.M. fine set all Sail
4	9			"	29 50	
5	9					
6	9			NNW		
7	9				"	Latter part strong NW Wind
8	9		"			small sea with heavy Squall
9	9			"		At Meridian the Departure
10	10				"	
11	10		"	"		all well
12	10					Pumps attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NNE	220	—	—		54 57	24°E	—	61 43	

8 5 1/2 Miles Sailed 55 days out

From San Francisco towards Falmouth Engd

H.	K	½ K.	Courses.	Winds.	Leeway.	Remarks, Fri 17 day of October 1879
1	10		NEbN	NW	Boards	D M comes in with strong
2	10				29 50	NW winds small sea
3	11				"	weather all sail set
4	11		"	"		went on to Burdwood Bank
5	11				29 60	fathoms of water Did see
6	11				"	passed of the Bank in the night
7	11					
8	10				29 70	
9	10		"	"		Middle part strong NW
10	10				"	wind fine weather
11	10					
12	10				29 80	
1	10					
2	10		"	"	"	
3	10					
4	9				29 90	Latter part more moderate
5	9					with Haze & Dry
6	9		"			Cloudy through the mind
7	9		NEbN	"	"	all sail Set
8	9				29 95	
9	9			"		
10	8		NE	NNW	"	All well
11	8					Pumps attended
12	8		"	"	30 00	So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NEbE	250	—	—	—	52 37	18°W	—	55 39	

H.	K.	½ K.	Courses	Winds.	Leeway.	Remarks, Sat 18 day of October 1879
1	8		NE	NW	Boards	
2	8				30 00	During these 24 hours
3	8					strong NW winds and
4	8		"	"	"	fine
5	8					sea
6	8					all sail Set
7	8					weather very cold
8	8		"	"	"	
9	8					
10	8					
11	8					
12	8		"	"	"	
1	8					
2	8					Middle fine weather
3	8					
4	8		"	"	"	
5	8					
6	8					
7	8		"	"	"	
8	8					
9	8					Latter part Do
10	8					So to the End
11	8		"	"	30 08	all well
12	8				"	Pumps attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
EbE	200	—	—	—	50 47	16°W	—	30 47	—

From San Francisco towards Falmouth Engd

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun. 19 day of October 1879
1			NE	NW	Boards	This day begins with strong
2					29 08	NW winds small sea
3						with Light passing clouds
4			"	"		
5					"	all Sail Set
6						
7			"	"	"	
8						
9						
10						Middle part strong
11			"	"	"	with thick fog and
12						Rain Lended Lighted Sails
1						
2			"	"	"	
3						
4			NEbE	"		Latter part fine and
5						Coffling Set Light Sails
6			NE	NW	30 10	
7						So Middle Moderate
8			"	"	"	NW winds with Haze &
9						Dry weather much sea
10				NNW		
11			"	"	"	All well Pumps attended
12						So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NEbE	210	—	—	49 00	48 57	13°W	—	46 04	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 20 day of October 1879
1	8		NNE	NbW	Boards	This day begins with fine NbW
2	6				30 10	winds and Cloudy sea with thick
3	Set		Colm	Colm		passing clouds 3 PM Colm
4	—				"	
5	—					
6	4		NNE	SE	"	6 PM heavy squalls sprang up at
7	5					SE thick and Rainy Reefed
8	6					up on the Starboard Tack Set
9	7					all Sail
10	8		"	"	"	
11	8					
12	8					
1	8		"	SbE	"	Midnight Rainy with
2	8					a Coffling wind
3	8					
4	8					
5	8		"	South	"	saw a Ship bound to the Sea
6	8					
7	8					
8	8			SbW		Latter part Thick SbW
9	8		"		"	winds with passing fog showers
10	8			"		at Meridian fine Sea
11	8				"	
12	8		"			All well Pumps attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NEbN	165	—	—	46 56	—	10°W	—	43 55	—

From San Francisco towards Falmouth Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues. 21 day of October 18
1	6		NEbN	LW	Bents	Begins with moderate LW
2	6				3d 15.	winds small sea cloudy
3	6					sky
4	7		"	South	"	
5	7					
6	8					At 6 PM got up with the
7	8		"	"	"	ship Jarrots. 3 Lancaster from
8	8					Wales; bound to Hamburg
9	8			SW		hoisted Ensign to Fly 41 days
10	8		"	"		out Long 13° 35 West Lat 48° 28
11	8					
12	8					Midnight Light baffling and
1	8					Variable
2	7		"	"	"	
3	7					
4	7					
5	7		"	SW	"	5 AM Lost Sight of the ship
6	7					Latter part SW winds
7	8					small sea
8	8					with Misty Showers
9	8		"	"	"	
10	8					At Meridian the same
11	8					all well
12	8		"	"	"	Pumps attended

Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
	44 47		7° W		44 25	

K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 22 day of October 18
8		NEbN	SW	Bents	At 8 PM comes in with moderate
8				3d 15	SW winds small sea with
8		"	"	"	cloudy sky with misty
8					showers
7		"	"	"	
7					
7					
7					
7					
7					
7					Middle part baffling
7					
7					
8					
8					
8

From San Francisco towards Yokohama Engd

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 25 day of October 1879
1	11					
2	11					
3	11					
4	11					
5	10		SE	SW	Beat	This day begins with Strong
6	10				2 50	SW winds & Heavy Sea most
7	10					of them breaking over the
8	10					Ship all Sail Set
9	10		"	"	"	
10	9					
11	9					
12	8			SW	"	Middle part very baffling
1	8					
2	8				2260	with sharp Lightning in
3	8		"	"		the N.W. Heavy Sea from
4	9			WSW		SW Barometer falling fast &
5	10					at 2 A.M. blowing a Gale
6	10			West	"	at 4 A.M. Reefed Foresail
7	10		"			& Mainsail at 6 A.M. Reefed
8	10			WSW		Foretopsail & Close Reefed
9	10			SW	"	Mainsail at Meridian heavy
10	10		"			SW Squalls with Heavy
11	10			"		Rain & Thunder & Lightning
12	10			"	"	so Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE	210	—	—	—	36 06	6° W	—	3200	3200

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun. 26 day of October 1879
1	10					
2	10		SE	SW	Beat	at 12 30 got a Squall with
3	10				2 20	Rain from SW Lenard 7 Sails.
4	10					Reef upper Topsails Furled
5	9		"	"	"	Moderate all the fore
6	9					part very cloudy & Lenig all
7	9					night with Squalls
8	9		"	"	"	
9	9					
10	9					
11	9					Middle part Set Last
12	9		"	WSW		part Moderate Squally
1	9					Squalls with Thick Lightning
2	9			West	"	all round the Horizon
3	8					
4	8		"			
5	8			WSW	"	5 A.M. Set whole Top Sails
6	8					6 do Up Topsails
7	7					Latter part wind SW
8	7		NEbE	SW	"	fine Set all Sail
9	7					
10	7		"			At Meridian SW winds
11	7				"	with Light heavy Squalls
12	7					so Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NEbN	200	—	—	—	33 50	6° W	—	22 15	

From San Francisco towards Yokohama Engd

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon 27 day of October 1879
1	7		NEbN	SW	Beat	8 P.M. Comes in with fine
2	7				2 [illegible]	SW small Sea fine weather
3	8					
4	8		"	"		
5	9					
6	9				2270	
7	9		"	"		
8	9			WSW		Middle part baffling
9	9					and Changes
10	9			West		
11	9		"		2480	
12	9			WSW		
1	9					
2	9		"	SW		
3	9				2270	Latter part Steady
4	10					
5	10			"		breezes fine weather
6	10		"			Small Sea all Sail
7	10				30.00	Set
8	9			"		
9	9		"		30 10	
10	9					Employed in various
11	9					jobs
12	9		"	"	2020	All Hands Employed

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE	220	—	—	—	30 25	8° W	—	2833	2833

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues 28 day of October 1879
1	9					
2	9		SEbE	SW	Beat to	
3	8				2 20	Commencing with fine
4	8		"	"		SW winds & small Sea fine
5	7				"	weather
6	6					all hand to day employed
7	6		"	"		Ship in Port in order ready for
8	6				2 20	Sea Light Cargo at employed Sunday
9	5					Cabin Work over head
10	5		"	"		
11	5					
12	5				"	
1	5					Middle part very Light and
2	5		"	"		baffling
3	5					
4	5				"	
5	5		"	"		
6	5					
7	5				"	Latter part Same weather
8	5		"	"		so to the End
9	5					
10	5					Saw 1 Ship bound North
11	5		SEbE	SW	"	
12	5					so Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SEbE	90	—	—	—	29 07	8° W	27 22	27 22	

From San Francisco towards Falmouth Eng^{d}

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 29 day of October 18
1	3		SE	SSW	Brooks P M comes in with Lig^{t} H^{s}
2	3			"	3030 Latterly wind small 2ed
3	3		"		fine weather
4	4				
5	4		"	"	
6	4				
7	4		SEbE	"	
8	3				
9	3			"	Middle part Light
10	3		"		airs with calms
11	3				
12	3		ESE	South	Carpenter Employed caulking
1	2			"	Top G. Sails &c
2	2				
3	2		"		
4	2				Latter part Light and
5	2		East	WSW	"	baffling fine weather
6	2				
7	3		EbS	SEbE	Crew Employed setting
8	3			"	up Riggin and Repairing
9	3				Boat
10	3		ESE	SE	Saw Light of the Lizard
11	3				
12	3		"	"	So ends this day

10 7/8 5 Miles Sailed 6 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SEbE	72	—	—	—	28 17	11°W	—	26 30	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thur. 30 day of October 18
1	2		East	WNW	Brooks	
2	2		SE	NbW	3080	This day begins with
3	2		SSE	West		Light airs with Calms
4	2			SW	"	fine and clear
5	2		"	SbW		
6	2					Crew Employed setting up
7	2					Riggin Scraping Masts &c
8	2		"	South	"	
9	2					Carpenter Employed
10	2			SE		Caulking on the Main Deck
11	2					
12	2		"	SSE	"	
1	2					
2	2			East		Midnight Light and
3	3					baffling
4	3		"	ESE	"	
5	3					
6	3			NE		
7	3		"		"	
8	4		South			
9	4		WNW			Latter part Strong
10	4		WbN	"	"	
11	4					at Meridian Saw
12	4		"	"		Same so ends this day

108 2 5 Miles Sailed 6 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WNW	40	—	—	—	27 48	10°W	—	26 00	

From San Francisco towards Falmouth Eng^{d}

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Fri. 31 day of October 79
1	4		SWbW	SE	Brooks Commencing with Lig^{t} H^{s}
2	4				3030 E winds small 2ed fine
3	4		"	"	weather
4	4				
5	4			"	
6	4				
7	4		"	"	3020
8	4				
9	4				Middle part stronger
10	4			"	and befling with squalls
11	4		"	"	passing Clouds
12	4				
1	4				
2	4		"	"	
3	4			"	
4	4				
5	4		SWbW	WbS	
6	4				Latter part befling
7	4				with passing Squalls and
8	4		"	"	"	Thunder Lightning
9	4				at 9 Ends Latter part
10	4				by Eq. T.
11	4		ESE	South		Saw a Ship beyond South
12	4		"	"	"	could not make her Signs or

10 7/8 5 Miles Sailed 11 Days out

Blue Anemone Ship Yellow Spot

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WNW	160	—	—	—	26 30	10°W	—	28 25	28 25

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat. 1st day of November 79
1	1		ESE	South	Boards	
2	1					This day begins with befling
3	1		"	"	3010	Southerly winds small 2ed
4	1					with passing rain showers
5	1					
6	1					
7	1		"	"	2005	
8	1					Middle part equally
9	1					and befling
10	1		"	"	"	
11	1					
12	1					At 11 P M came up with
1	1					the Ship Standard from Sea
2	1		"	"	"	Francisco bound to Falmouth
3	1					for Orders 79 days out
4	1					This day Ship Signed not
5	1		"	"	"	make her Main out
6	1					
7	1					
8	1		"	"	"	Latter part strong South
9	1					winds with passing squalls
10	1					Fresh and Rain
11	1		"	"	"	so Ends this day
12	1					

11 1/2 5 Miles Sailed 11 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NEbE	180	—	—	—	25 05	11°W	—	23 52	

From San Francisco towards Falmouth Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun. 2 day of November 1879
1	9		NbyE	SbyW	Bore'd P M came in with strong	
2	9				2000 Atlantic gales small rain	
3	9				with which passing clouds	
4	9					
5	9		"	"	" all sail set,	
6	9					
7	9					
8	9					
9	9		"	"	" Middle part squally	
10	9					
11	9					
12	9					
1	9		"	"	"	
2	9					
3	9					Latter part Steady with
4	9					thick passing clouds
5	9		"	"	"	
6	9					
7	9					At Meridian the Same
8	9					
9	9		"	"	"	all well
10	9					Pumps attended
11	9					
12	9		"	"	"	So Ends this day

1143 ½ Miles Sailed 72 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE	216	—		23 00	22 27	12°W	—	—	23 21

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 3 day of November 1879
1	9		SEbyE	SbyW	Bore'd P M came in with fine	
2	9				20 00 NNW winds small red fine	
3	9					
4	8		"	"	" weather	
5	8				30 08	
6	8					
7	8		"	"		Middle part
8	8					Moderate
9	8		SE	SSW	"	and fine
10	8					
11	8				30 10	
12	8					
1	8					
2	8		"	"	"	Latter part fine and
3	8					warm with a steady
4	8					SSW wind
5	8				30 12	
6	8		"	"		At Meridian the Same
7	8					
8	8				"	
9	8		"	"		all well
10	8					
11	8				"	Pumps attended
12	8		"	"		So Ends this day

1143 ½ Miles Sailed 73 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SEbyE	140	—	—	—	20 40	18°W	—	21 36	21 36

From San Francisco towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues. 4 day of November 1879
1	4		SE	SSW	Bore'd Commenc'd with fine	
2	3				30 15 Baffling airs fine weather	
3	2		"	"	"	
4	2					
5	1		Calm	Calm		P M Calm
6	—					
7	1		SE	South	"	7 do Light airs fair
8	2					
9	2		"	SE		
10	2				"	
11	2					Middle Light Baffling
12	2		"	"		airs
1	2					
2	2			ESE	"	Thermt'r 72°
3	2		"			
4	2					
5	3			"		
6	3		"		"	Latter Steady Light Breeze
7	3			East		Employed SW Light fine
8	4					and Dew
9	4		"	"	"	Crew employed Setting
10	4					and Sewing Sails Pumps
11	4					Sea Water & Empty Coal
12	4		"	"	"	Coal Bags & Emas

1143 ½ Miles Sailed 74 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South	60	—	—	19 50	19 57	12°W	—	21 36	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 5 day of November 1879
1	4		SbyE	East	Bore'd This day begins with fine Early	
2	4				20 15 Winds & Calm sea & fine	
3	4				Weather very warm	
4	4					
5	4		"	"	"	
6	4					
7	4					
8	4					
9	4		"	"	"	
10	4					Middle part strong
11	4					
12	4					
1	4		"	"	"	
2	4					
3	5					
4	5					
5	5		"	SSE	"	Latter part still strong
6	5					and fine
7	6					
8	6			"	"	At Meridian the Same
9	6					
10	7		SSE	"		all well
11	7				"	Pumps attended
12	7		"			So Ends this day

1169 Miles Sailed 75 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSW	120	—	—	—	17 55	13°W	—	22 10	—

From San Francisco towards Falmouth & Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thur. 6 day of November 1879
1	3					
2	3					
3	3		"	"	3010	
4	3					
5	3					
6	3		"	"	"	
7	3					
8	3					
9	3					
10	3		"	"	"	
11	4					
12	4					
1	5					
2	5		"	"	"	
3	5					
4	5					
5	5		"	"	"	
6	5					
7	5					
8	5		"	"	"	
9	5					
10	4	4				
1	4		"	"	"	
2	4					

11757 Miles Laid 76 days Out

This day begins with Light Airs & Calms and fine weather

Crew employed Bottling down Riggins & Scraping Mast

Carpenter Employed Caulking Fore Deck & Fore Part of Starboard Gunn. ns the After Cabin

Middle part Strong

Latter part Moderate

At Mdn the same

All well Pumps attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W	106	—	—		16 11	14° W	—	22 31	Mean

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Fri. 7 day of November 1879
1	4					
2	4					
3	3					
4	3					
5	2	2	"	"	"	
6	2	2				
7	2	2				
8	2	2				
9	2	2				
10	2	2				
11	3					
12	3	4	"	"	"	
1	3					
2	3					
3	3					
4	5		"	"	"	
5	5					
6	6					
7	6					
8	6		"	"	"	
9	6					
10	6					
11	6					
12	6		"	"	"	

East Courses

11903 Miles Laid 77 days Out

Commencing with Light baffling Airs & small Sea fine weather very warm

Middle part Strong

Latter part Same Weather & So The End

All well

Pumps Attended to & Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South	106	—	—		14 29	14° W	—	22 31	

From San Francisco towards Falmouth & Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat. 8 day of November 1879
1	6					
2	6					
3	6					
4	6					
5	6		"	"	"	
6	6					
7	6					
8	6					
9	6		"	"	"	
10	6					
11	7					
12	7		"	"	"	
1	7					
2	7					
3	7					
4	7		"	"	"	
5	7					
6	7					
7	7		"	"	"	
8	7					
9	7					
10	7					
11	7		"	"	"	
12	7					

S½W Courses

12063 Miles Laid 78 days Out

This day begins with Stronger Breezes fine weather & Ship very leaves Thermometer 82° in the Cabin

Carpenter Employed making 4 pair Coop Steps & 2 Red Lights I have been employed making 1 pair Corner Brackets for the poop

Middle part Cloudy

Latter part Still Cloudy

Fine breeze & Moderate very warm At Meridian the same

All well Pumps attended to & Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S½W	160	—	—		11 57	14° W	—	23 00	23 0

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun. 9 day of November 1879
1	7					
2	7					
3	7					
4	7		"	"	"	
5	7					
6	7				"	
7	7					
8	8		"	E S E	"	
9	8					
10	8					
11	8					
12	9		"	"	"	
1	9					
2	9					
3	9					
4	9		"	"	"	
5	9					
6	9					
7	9					
8	9		"	"	"	
9	9					
10	9					
11	9		"	"	"	
12	9					

East Courses

12359 Miles Laid 79 days Out

This 24 hours begins with fine Easterly winds & Sea fine weather very warm Thermometer 90° at Noon

Middle part Strong & Cloudy with Light Spits of Rain

Latter part fine Easterly winds fine & Hot At Mdn the same

All well Do Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S½E	196				8 30	15° W	—	23 00	

From San Francisco towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mond. 10 day of November 18
1			WbS	ESE	Barometer	
2					30.10	During these 24 hours fine
3						ESE winds small sea
4						fine and warm
5			"	"	"	
6						
7						
8						
9						
10			"	"	"	
11						
12						Middle part Lowr
1						
2			"	"	"	
3						
4						
5						also the last part
6						& the End
7			"	"	"	
8						Carpenter employed
9						mending new Boat Hatch
10						& Ends this day
1			"	"	"	
2						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S½E	220	—	—	—	5-04	14°W	—	22 50	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues.d 11 day of November 1879
1			NbE	ESE	Barad	
2					2000	PM Comes in with
3						fine ESE wind small
4			"	"	"	sea fine and warm
5						
6						Crew employed working
7						at rigging shortening Mast &
8			"	"	"	Carpenter Employed
9						working Coop Steps
10						
11						
12			"	"	"	Middle fresing
1						Rain showers
2						
3			"	"	"	Lied 1 Fleeing fresh Hy on
4						board put Reefs out my Reefs to Sail
5						
6						Latter part fine and
7			"	"	"	warm Hermites 8 p.o in this
8						Cabin
9						
10						all well
11			"	"	"	
12						Pumps Attended

Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
200	—	—	—	1 47 N	15°W	—	23 05	23 05

From San Francisco towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 12 day of November 1879
1			WbS	ESE	Barometer	This day begins with fine
2					Zero	ESE winds small sea fine
3						weather very warm
4			"	"	"	
5						
6						
7						
8			"	"	"	
9						Middle part Cloudy
10						with Light rain showers
11						
12			"	"	"	
1						
2						
3						
4			"	"	"	Latter part fine and Hot
5						
6						Hermites 90°
7						
8			"	"	"	At Meridian fine and Hot
9						82 deg. Cape Finisterre
10						1.47 North
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Sdry	126	—	—	—	P.u 2.5 N	14°W	—	23 00	23 00

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thur. 13 day of November 1879
1			WbS	ESE	Barad	
2					2000	Commencing with fine
3						ESE winds small sea
4						fine and very warm
5						
6			"	"	"	
7						
8						
9						
10						Middle part fresing
11			"	"	"	Rain showers
12						
1						
2						
3						
4			"	"	"	
5						
6						Latter part Lowr weather
7						
8			"	"	"	Saw 1 Brig bound south
9						
10						& Ends this day
11						
12			"	"	"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbE½E	160	—	—	—	3 50	15°W	—	23 10	23 10

From San Francisco towards Falmouth &c

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Fri. 14 day of November 18
1	6		SSE	ESE	Beard	PM comes in with
2	6				20 oo	fine ESE winds
3	6					small sea passing
4	6		"	"	"	showers
5	6					
6	6					
7	6					
8	6		"	"	"	Middle part fine
9	6					
10	6					saw 3 vessels bound South
11	6				"	
12	6		"	"		
1	6					
2	6					
3	6				"	
4	6		"	"		
5	6					
6	6		SzE		29 25	Latter part fine ESE
7	6					winds small sea
8	6		South	ESE	"	fine and
9	6					warm
10	6		"	"		Thermometer 70°
11	6					
12	6				"	all well

Pumps attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon.
NbW	150	—	—	—	6 22	15° W	—	23 12	23

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat. 15 day of November 18
1	6		South	ENE	Beard	This day begins with fine
2	6				2995	ESE winds & small sea
3	6					with fine weather very
4	5					warm
5	6		"	"	"	Saw several Vessels bound
6	5					to the Southward & many
7	5					Land Birds round the Ship
8	5					
9	5		"	"	"	Middle part squally
10	5					and baffling with sharp Lightg
11	6		SzW	WbS	"	
12	6					
1	6					
2	6					
3	7		NbW	NE	"	
4	7					
5	7					Latter part Strong NE winds
6	7		"	"	"	small sea
7	7					Cloudy Sky
8	7					At Mid. this Depar.
9	7		"	"	"	
10	7					all well
11	7					Pumps attended
12	7		"	"	"	24 Ends this day

13325 - Miles Sailed 85 days Dat

13325 - Miles Sailed 85 days Dat

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon.
NNW	140	—	—	—	8 24	16° W	—	24 10	24

From San Francisco towards Falmouth Engd

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun. 16 day of November 1879
1	7		SbyWbW	WbyS	Beard	This day begins with fine
2	7				25 00	NE winds small sea fine
3	7					weather very warm
4	6		"	"	"	Came by with one English
5	6					Ship could not make her name
6	6					out on account of being dark
7	6		"	"	"	Hauld Fore and Mr. T G Mast
8	6					Main Royal Sat
9	6					
10	6					
11	6		"	"	"	
12	6					Middle part fine squally
1	6					sharp Lightning in the Sth
2	6					
3	6		"	"	"	
4	6					
5	6		SbyW			
6	5			"		Latter part moderate with
7	5				"	a Cloudy Sky
8	5					
9	5		NbyW	EbyE		At Meridian this
10	5					Same
11	5				"	all well
12	6		"	"		Pumps attended 25 Ends

13603 - Miles Sailed 87 days Dat

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NNW	140				10° 00	16° W	—	25 15	25 15

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 17 day of November 18 79
1	5		NbyWbW	ENE	Beard	Commencing with moderate ESE
2	5				2000	winds & small rain sea fine and
3	5					Heat
4	6		"	"	"	
5	6					
6	6					
7	6		"	"	"	
8	6					
9	6					Middle part Strong
10	7					with thick passing Clouds
11	7					Sharp Lightning
12	7		"	"	"	
1	7					
2	7					
3	7		"	"	"	
4	7					
5	7					Latter part Steady
6	7					Fresh Gales ESE with
7	7		"	"	"	fine cool Heat
8	7					
9	7					At 9 AM Spoke English
10	7					Bark Lempell Kirsty from
11	7		"	"	"	Fo Bay bound to Sydney
12	7					28 days out Ends this day

13603 - Miles Sailed 87 days Dat

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NNW½W	140	—	—	—	11.50	18° W	—	26 35	

From San Francisco towards Falmouth Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues. 18 day of November 18
1	7		NbW	NEbE	Broad	PM Comes in with fine
2	7				2 oo'clk	NE winds small sea fine
3	7					and warm
4	7					
5	8					
6	8		"	"	"	
7	8					
8	8					
9	8		"	"	"	
10	8					Middle part same
11	8					weather with ship
12	8					Log Homing
1	8		"	"	"	
2	8					
3	8					
4	8					
5	8					
6	8		"	"	"	Latter part steady Crew
7	8					with a Keen NE Swell
8	7					
9	7					At Md the same
10	7		"	"	"	Crew employed Painting
11	7					the Boats & the Hawse
12	7					Jobs all well
						So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	180	—	—	—	14-14	18W	—	28 25	28 25

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 19 day of November 18
1	7		NbyW	NE	Broad	This day begins with fine
2	7				2 oo.	NE & E pmts Heavy NE sea
3	7					with Light transparent
4	7					Clouds Fine and warm
5	7					
6	7		"	"	"	Loosed my Jung Peggeni
7	7					
8	8					
9	8					
10	8		"	"	"	Middle part Thongar
11	8					with thick passing Clouds
12	8					
1	8					
2	8					
3	8		"	"	"	
4	8					
5	8					
6	8					Latter part strong NE
7	8					winds Heavy Sea
8	8		"	"	"	
9	8					with Light passing Clouds
10	8					At Meridian the same
11	8		"	"	"	
12	8					all well Pumps
						attended to Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	175	—	—	—	16 48	12W	—	30 00	30 00

From San Francisco towards Falmouth Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs. 20 day of November 18
1	8		NbyW	NE	Broad	Commencing with strong
2	8				2 oo'clk	NE winds small sea
3	8					with Light passing Clouds
4	8		"	"	"	
5	8					
6	8					Saw 1 Bark towards
7	8					with several Vessels
8	8		"	"	"	bound to the Westward
9	8					
10	8					Crew Employed Painting
11	8					the Boats & the Hawse
12	8					
1	8		"	"	"	Midnight thick passing
2	8					Clouds
3	8					
4	8					
5	8		"	"	"	
6	8					Latter part strong and
7	8					fine At Meridian
8	8					
9	8		"	"	"	The same
10	8					all well
11	8					Pumps attended
12	8					to Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbyW	220	—	—	—	19 40	12W	—	32 25	32 25

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Frid 21 day of November 18
1	9		NbyW	NE	Broad	Begins with strong NE
2	9				2 oo'clk	winds small sea fine
3	9					weather
4	9		"	"	"	
5	9					
6	9					
7	8					Saw several ships
8	8		"	"	"	bound West
9	8					
10	8					
11	8					
12	8		"	"	"	Middle part cloudy
1	8					
2	8					
3	8					
4	8					
5	8		"	"	"	Latter part fine
6	8					Begins small sea
7	8					fine and warm
8	7					
9	7		"	"	"	Employ'd on various Jobs
10	7					
11	7					All well Pumps attended
12	7		"	"	"	to Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbyW	187	—	—	—	22 00	14W	—	34 30	34 30

From Son Thereso towards Holmoud Eng

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 22 day of November 18
1	5		NWbW	Baffly	Bound	This day begins with
2	5			SE	2010	fine SE winds
3	5					Sea smooth
4	5		"	Perhaps	"	
5	6					Crew employed Painting
6	6					and other jobs
7	6			"	"	
8	6		"			
9	7					
10	7					Middle part baffling
11	7		NW	"	"	and Squally
12	7					
1	7		"			
2	7					
3	7		NbW	"	"	
4	7					
5	7					Latter part Strong and
6	7		"	"	"	fine At 8 PM the same
7	7					
8	7					
9	7		"	"	"	all sail
10	7					Pumps attended
11	7					
12	7		"	"	"	By Log. this day

Sailed 23 days out
1457 Miles Sailed

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
NW	140	—	—	—	22 45	14°W	—	37 10	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun. 23 day of November 18
1	7		NW	SE	Bound	
2	7				2010	PM comes in with
3	7					fine SE winds keep
4	7		"	"		Sea with Steering Colours
5	7					
6	7				"	
7	7		"	"		
8	7					
9	7		NWbW	SEbE	"	Middle part very Squally
10	7					Landed all Sky Sails
11	7					
12	7				"	Midnight Fresh breezes
1	7		NW	"		with Squally
2	7					Landed SG Sails
3	7					
4	8					
5	8		NNW	SEbE	"	
6	8					
7	8					Latter part Squally
8	8		"	"	"	Set Lr & Royals
9	8					
10	8		"	"		
11	8				"	At 8 PM Strong breeze and
12	8					Squally Reefed SG
						By Meas this day

146 8/9 Miles Sailed 23 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
NW	180	—	—	—	24 10	14°W	—	40 00	40

From Son Thereso towards Holmoud Eng

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 24 day of November 18 79
1	8		NW	SE	Bound	Begins with strong SE
2	8				2010	winds very squally all
3	8					Sky Sails furled
4	8		"	"	"	At 2 PM split Mn SG Sail
5	9					reduced to Close reef
6	9					
7	9					
8	9		"	"	"	Middle part Strong
9	9					Squally Fine and MnSG Sail
10	9					
11	9					
12	9					
1	9		"	"	"	
2	9					Midnight Same weather
3	9					
4	9		"	"	"	
5	9					
6	9					Latter part fine and
7	9					Smoother
8	10		"	"	"	Set all Sail
9	10					
10	10					At Meridian the Same
11	10					Crew employed Repairing Sails
12	10		"	"	"	So Ends this day

1708 Miles Sailed

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NNW	200	—	—	—	26 31	14°W	—	42 25	42 25

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues 25 day of November 18 79
1	7		NW	SE	Boards	
2	7				30 10	Saw a Fast Sailing
3	7					SE winds Carried Sail
4	7		"	"	"	with Squally squalls
5	7					
6	7					good Equal Gale Wind around
7	7					the Ship
8	7					
9	7		"	"	"	
10	7					Middle part Same
11	7					weather
12	7					
1	6					
2	6		"	"	"	
3	5					
4	5					
5	5					
6	5					Latter part Light and
7	5		"	"	"	Baffling
8	5					At Meridian the Same
9	5					
10	5					
11	5		"	"	"	Saw one Vessel bound
12	5					South Reefed & Shaped
						Main and Fore Sky Sail

1575 2/3 Miles Sailed 25 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSW	140	—	—	—	27 57	14°W	—	44 30	44 30

From Son Fernando towards Falmouth Eng

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 26 day of November 18
1	4					
2	4		NbW	NE	Board	Begins with Light
3	3				2010	airs with calms.
4	3		"	"		
5	2				"	
6	2		"	"	"	
7	1					Middle part Calm
8	1		Calm	Calm	"	
9	C					
10	A					
11	L					
12	M					Calm
1	M		"	"	"	"
2						
3						
4						
5			"	"	"	
6	2		SbW	EbN		
7	2					
8	2		SbE	EbN	"	8 AM Light airs from East
9	2					At Mid the Lam
10	2					& Bark in company
11	2		"	"	"	
12	2		"		"	So Ends This day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
NbW	20	—	—						

Thurs 27 day of November 18 7

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks,
1	2					
2	2		NE	East	Board	Begin with Light
3	2				2010	airs with Calms
4	2		"	"		
5	2				"	1 Bark in Company
6	3		NE	EbS		Saw 1 Bark with Fore Top Gallt
7	3					Mast
8	3				"	
9	4		"	"		
10	4					Middle part befalling
11	4			EbS	"	and fine
12	4		"			
1	4					
2	4			South	"	
3	4		"			
4	4			SW		Latter part Variable
5	5					Airs all round the Compass
6	5		"	NW	"	with heavy Rain
7	5					Fidled up all our Sails
8	5			NE		
9	5		"			
10	5			East	"	At Meridian Light
11	5			EbS		Southerly Airs with heavy
12	5		NbE			Rain
				South	"	So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbE	80	—	—	2912	—	14°W	—	43 50	

From Son Fernando towards Falmouth Eng

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Fri 28 day of November 1879
1	6					
2	6		NE	South	Board	This day begins with Light
3	6				29 25	Airs with heavy Squalls
4	8		"	"	"	Lea South Leave Rain
5	8					
6	4		"	SE	"	
7	4					
8	3		"	Variable		
9	2				2990	
10	2		"	"		
11	2					
12	2				"	Midnight Light airs all round
1	2		"	"		Raing Light airs all round the Compass
2	2					
3	2		Calm	Calm	2985	
4						
5			"	"	"	Latter part Calm and
6						Light airs & showers
7						filled up all our Sails
8						
9			Calm	Calm	"	
10						At Mid Calm and
11						Cloudy
12						So Ends This Sunday day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	40	—	—	29 52		14°	—	43 24	

Sat 29 day of November 1879

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks,
1	2					Commencing with Light airs
2	3		ESE	South	Board	
3	4				2985	Saw SE Sail Ship & SE with
4	4		NNW			Thick and Rainy at 4 PM
5	4					and Change to SE Sail Ship to
6	4		South	SbE		North with the Looking very Thick
7	3					raining Hauled all Sails Pass
8	3		"	"	29 90	at 8 PM Hauled S & E Light
9	3					& the Morning & which SE Gale
10	3		"	"		Hauled to S & Sails Low
11	3					& do Still Drizzling
12	3		"	"	"	With Dreadful Squalls Hail Sleet
1	3					Lee Deep Lee Low to under 2 Lt
2	3		"			Hand Mast Lee Sail Hoy Pitches
3	3			"	"	Midday & Cloudy Morning &
4	3					Whole Gale
5	3		"		29 95	
6	3			"		
7	3					Latter part Same weather
8	3		"		"	Sat & M Split Foresail Set
9	3			"		At M the Same
10	3					
11	3		"		"	So Ends this Cloudy Head wind
12	3		"			Saw 1 Bark bound West

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NWbW	70	—	—	3010		14°W	—	44 00	44 8

From Lon Tenerife towards Falmouth Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Lem. 30 day of Novemb 18
1	4	Out	NNW	NE		Brds This day begins blowing a
2	4					29 Whole NE gale Lower Egpt yds
3	4					pressing Squalls ship labors
4	4		"	"	"	heavily constant Sea breaks
5	4					over the Ship
6	4					
7	4		"	"	"	
8	4					
9	4					
10	4					Middle part More moderate
11	4					Lat Obs & D Reckg
12	4		"	"	"	
1	4					
2	4					At 4 P M wind NNE more
3	4					Ship to E by S. Made all sail
4	4		"	"	"	Carry Sail
5	5		E by S	NbE		
6	5					Latter part fine and
7	5		"		"	Steady NbE winds Set all Sail
8	5					
9	6		"			At Meridian fine
10	6					
11	7				"	So ends this day & Head
12	7		"			wind

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
W	44 40=104	—	—	31 00	21 19	19°W	—	46 00	46

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 1st day of Decemb 18
1	7		ESE	SbW		Brds Commencing with strong NE
2	7					winds deep Sea with passing
3	7	Out			"	Clouds 4 P M Set Royals &
4	6		"	"	29 98	
5	6					
6	6					Middle part
7	6					fine
8	6		"	"	"	
9	7					
10	7					
11	7					
12	7		"	"	"	At Midnight Squalls
1	7					
2	8					
3	8					
4	8		"	"	"	
5	9					
6	9					Latter part strong breezes
7	9					with passing Clouds
8	9		"	"	"	At Meridian this
9	9					Same
10	9					Saw 1 Vessel bound
11	9		"	"	"	Est So ends this day
12	9					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
ESE	160	—	—		32 26	18°W	—	~~42~~ 33	42 3

From Lon Tenerife towards Falmouth Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Jues. 2 day of December 18
1	9		SbyE	SbyW	Brds	So Moons in with strong
2	9				29 95	Sultry prior Heavy Sea
3	9					with thick passing Clouds
4	9					
5	9					
6	9		"	"	"	Saw 1 Brig bound East
7	9					1 Ship bound South
8	9					
9	9					
10	9		"	"	20 00	Middle part strong and
11	9					fine all Sail Set
12	9					
1	9					
2	9					
3	9		"		"	
4	8			NbW		At 5 A M up Squalls
5	8					handed all Light Sails
6	8				"	
7	8		"	"		So blowing & strong NbW
8	8					gale Lowered Top Gall Sails
9	8				"	& do Reef to Gall Sail
10	8					also Mainsail Set them at
11	8		"	"		Meridian heavy NbW gale with
12	8				"	frght Squalls So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NE	213	—	—	—	35 11	28W	—	39 49	39 49

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 3 day of December 18
1	7		NbyE	NbW	Brds	
2	7				20 00	This day begins blowing a
3	7					strong NbW gale Lowered
4	7					Gallant Sails & Reef Top Sails
5	7		"	"	"	also Mainsail
6	7					
7	7					
8	7					
9	7					
10	7		"	"	"	Middle part very Squally
11	7					with a strong Gale & heavy
12	7					a Clear Breach over the Ship
1	7					
2	7					
3	7		"	"	"	At 4 A M Moderated Set
4	7					Whole Top Sails
5	7					
6	7					
7	7		"	"	"	Latter part strong NbW
8	7					winds Set T G Sails
9	7					
10	7					At Meridian the same
11	7		"	"	"	all well Pumps
12	7					attended So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NE	157	—	—	—	37 01	23°W	—	37 10	37 10

From Lt Fronteria towards Holmouth Eng.

Thur 4 day of December 1879

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks,
1	7		NEbE	NNW.	Bore	This day Comes in with fine
2	7				3000	NNW winds heavy Lead with
3	6		"	"		pressing squalls
4	6					at 4 PM fine
5	6				"	Set all sail
6	6					Saw 1 Bark bound East
7	6		ESE	" North		
8	6				"	
9	5		East	NbE		
10	5					Middle part light and
11	4		ESE	NNE	"	baffling fine weather
12	4					
1	4		ESE	ENE		
2	4					
3	4		"	"	"	
4	4					
5	4					Latter part squally
6	5		SE	ENE	"	
7	5					at 8 PM Tacked ship
8	5		"			to North
9	5		North	"	"	weather very squally
10	5					wind baffling
11	5		NbE	East	"	at Meridian the Crew
12	5					all well
						Pumps attended to Ends

1579 Miles Sailed 10 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
NNE	106	—	—	—	37 58	25°W	—	36 00	36 00

Tried 5 day of December 1879

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks,
1	5		from	From	Beat	
2	5		NbW	ENE	30 10	Commencing with light Easterly
3	5		to	to		Heavy Sea with pressing rain
4	5		NbW	ESE		showers
5	5					
6	5		"	"	"	Crew employed repairing Sails
7	5					
8	5					Middle part baffling
9	5		"			
10	5				30 15	
11	5			"		
12	5					
1	5					
2	5			"		
3	5				30 20	Latter baffling and fine
4	5					
5	4			"		At Meridian this
6	4		"			
7	3				30 30	Saw
8	3			"		Saw 1 Bark bound East
9	3		"			
10	3				"	all well
11	3					Pumps attended
12	3		"	"	"	Is Ends this day

1607 Miles Sailed 10 5 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N½W	100	—	—	—	39 28	25°W	—	36 20	36 20

From San Francisco towards Holmouth Eng.

Sat. 6 day of December 1879

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks,
1	3		ESE	SE	Beat	At Noon comes on with Light
2	3				30 30	wind heavy head sea with
3	3		"	"		
4	3					Employed repairing sails
5	3		"		"	and other Jobs
6	4					Passed one Keg Barrell
7	4		East	SSE	30 20	
8	4					
9	4		"	"		
10	4				"	Middle part squally and
11	4					baffling
12	4		"	South		
1	4				30 15	
2	4		"	"		
3	4					
4	4				"	
5	5		"	SSW		Latter part strong with
6	5					Baffling squalls and
7	5		"	"	30 10	heavy squalls and rain
8	5					Rainy Squalls at times
9	6			SW	"	
10	7		"			At Meridian squally no
11	8			"		Sun
12	8		"		"	Do Ends this day

161 93 Miles Sailed 10 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE	121	—	—	40 40	—	25°W	—	2400	—

Sun 7 day of December 1879

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks,
1	9		East	SW	Beat	This day begins with strong
2	10				30 10	SW winds heavy Sea with
3	10					pressing squalls
4	10		"	"		at 4 PM Thick and
5	10					Rainy Landed all Sail to
6	10					6 do very squally with
7	8		"	"	"	strong Sea Blowing all waves
8	8					this Horizon. Landed 1 Sail
9	7					
10	7			NW		8 do Squalls at 11
11	7				"	Increasing with frightful Lightning
12	7		"			Landed 10 Sails Main weight
1	7			West	30 05	
2	7					Midnight At Same weather
3	7					
4	7				1	At 4 A M fines Set
5	7		"	"		10 Sails
6	7				30 00	5 do Set 10 Sails
7	7					weather Thick and Raining
8	7		"	North		At 8 A M squally Change
9	7				29 20	to North squally
10	7		"	"		At Meridian
11	7				"	the Same all Light Sails
12	7					Furled to Ends this day
			"	"	"	

1035 2 Miles Sailed 10 5 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE	160	—	—	42 00	—	26°W	—	3100	—

From San Francisco towards Falmouth Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 8 day of December 18 77
1	5		East	North	Broad	PM Comes in with moderate
2	5		"			Gothering and heavy NW Sea
3	5		North	2 ½ 8	29 85	all Light Sails furled at 2 PM
4	5					and change to Eight Seaked Ship to
5	5					North & do Blowing strong Shook
6	5		"	"	"	and Raing Handed S.G. Sails
7	5		NW			Ref W Topsails
8	4					Middle part very
9	4					2 squalls at Mn Handed Ref M.S.
10	3		"	"	29 80	Sails Foresail and Jib
11	3					3 AM Blue Grey Main
12	3					Staysail
1	3		"	"	"	5 AM Hauling &
2	3					4 AM blowing &
3	3					whole Gale with Frightful
4	3			"	29 90	2 squalls Reefed & Handed T. Sails
5	3		"		"	6 do Still Increasing
6	3					Gone Mizn Main S.S.
7	2				29 60	2d Main Topmast
8	2			ESE		Ref Shrouds
9	2		North			Lash Top sail
10	2			"	"	Lash Top under Reef Devil
11	2					& Mainddian blowing &
12	2		"	"	"	whole Gale frightful Sea

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WNW	65	—	—	42 40	—	26 W	—	32 00	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues 9th day of December 18 77
1	2		South	Light	Broad	This day Ends blowing & whole
2	2		6			SE Gale Sprung Low Under & the
3	2		NE		29 60	Top Sail Ship as Pioneer
4	2		NEbN			At 3 PM. died out &
5	Min			Winds	29 70	Calm Ship Labouring very heavy
6						in the Trough of the Sea
7	2		ENE			at 6 PM Lay'd Foresail Stood
8	2					EbN Sat Whole Topsail Cross
9	3			"	29 80	Pump up good deal of Water
10	3					
11	3		NE			Midnight Light and
12	3			"	29 70	Light Breezes Falling
1	3		NNE			Sun Rised & Ship Flashes Lightning
2	3					
3	3		North		29 60	
4	3		NbW	"		At 4 AM wore Ship to ESE
5	3		ESE		"	
6	4					Still Made no more Sail
7	4		"	"	29 50	
8	4					
9	4		"	"	"	Latter part very Squally
10	5					and Lightning
11	6		ESE		"	At Meridian Ship
12	6		"	"	"	Same Do Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	50	—	—	—	42 50			32 00	32 00

From San Francisco towards Falmouth Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 10 day of December 18 77
1	6		ENE	NE	29 50	PM comes in with blowing
2	6					NE winds Sea Ship Labouring
3	3		"	"		heavy Squalls
4	3					at 3 PM Light
5	3				"	increasing Ref W S Sails also
6	3		"	"		Foresail & do blowing & whole
7	3					Gale Handed W S Sails maintain
8	3		ESE	NEbE		Jib
9	4				"	
10	4					PM more Moderate
11	4		East	NNE		Sat Ref W S Sails
12	4					Midnight Sat Ref M.S.
1	6		ESE	North	29 40	whole Foresail
2	5					
3	6					
4	5					
5	6		"	"	"	Latter part Strong Squalls
6	6					and Lightning Sat Reef
7	7					Sails
8	8		"	"	"	
9	8					At Meridian Light Showers
10	8					with Squalls and Lightning
11	8					Increased Squalls on 29 40
12	8		"	"	"	so Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE	100	—	—		43 09	27 W	—	30 00	30 00

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 11 day of December 18 77
1	8		East	North	Broad	
2	8					Commencing Day Rotherly
3	8					Winds Leavy East & 2nd with
4	8		"	"	29 33	Rain Squalls Broaches to & Falling
5	8					Whole Foresail Sat
6	8					Sent 1 Reef bound East
7	7		"	"	"	at 8 PM Fines Sat Sq. S.
8	7					
9	7					
10	7		"	NW	"	
11	7					
12	7			NW	"	Midnight Fine WNW Winds
1	7					Sat all Light Sails
2	7		"	NNW	29 40	
3	7					
4	7					
5	7		"	WbS	29 50	
6	7					Latter part Fine WSW Winds
7	7		"	"	"	Small Sea all Sail Sat
8	6					
9	6			NW	"	At Meridian the Same
10	6		"			Crew employed
11	6			"	29 60	heaving the Chains while the
12	6		"	"	"	weather is Fine and repairing
						Sails so Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
ESE	166	—	—	—	44 17	26 W	—	26 22	26 22

From Son Teneriffe towards Falmouth Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 12 day of December 18
1	7		East	Nth	Broad	P.M comes in with fine
2	8				2970	winds Engull & Ld with
3	8					passing clouds all Sail
4	8		"	LW	2980	
5	9					At 5 PM wind chang to Lt
6	9					thong with Light passing
7	10			South	"	clouds Light Sail
8	10		"		2990	3 Vessels in company
9	10			LLE		
10	10				"	
11	10		"			Midnight Same weather
12	10			LLE	3000	
1	10					
2	9		"		"	
3	9			"	3010	
4	9					
5	9		"		"	
6	8			"		Latter part fine & E
7	8				3020	winds fine weather Sail
8	8				"	all Light Sails
9	8		"	"		weath very hazy or dull
10	8				3030	
11	8					At Meridian the
12	8		"	"	"	all well
						Pumps attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
ESE½E	202	—	—	—	45 51	27°W	—	22 00	22

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat. 13 day of December 18
1	8		ESE	LLE	Broad	This day begins with fine LLE
2	8					winds Engull Lead with passing
3	8			"	3040	Fog showers Bromited very Hazy
4	8					3060.
5	7		"			Thermte 62° Cabin
6	7					2 Vessel in Company
7	7			South	"	
8	6					
9	6		"	"		
10	5				305	Middle part light LLE
11	5					winds Small Lead
12	5			"		very Cloudy
1	5				"	
2	4					Thermte 60° Cabin
3	4			"	3060	
4	4					
5	4					
6	4			"	"	Latter part Light and
7	4		"			baffling with Thick passing
8	4			"	3065	Clouds
9	3			LLW		
10	3					At Meridian the same
11	3		"			Crew employed Hoisting
12	3			"	"	the Cask Junk Sending
						Main T'm Staid Sail effects had repair

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
ESE½E	180	—	—	—	46 38	28°W	—	19 00	19 00

From Son Teneriffe towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun. 14 day of December 18
1	3		Ly S	Ly E	Broad	Commencing with Leg At
2	3				3060	Ly E winds small Lead Line
3	3					Weather Bromited Light and
4	3		"	"	"	Hazy
5	4					
6	4					
7	4					
8	4		"	"	"	Middle part Same
9	4					weather with thick passing
10	4					Clouds
11	5					
12	5		"	"	"	
1	5					
2	5					
3	5					1 Bark in Company
4	5					
5	5		"	"	"	
6	6					Latter part Strongs with
7	6					& small Rain Lead
8	6		"	"	3060	passing Clouds
9	6					
10	7					At Meridian the same
11	7		"	"	"	all well
12	7					Pumps attended to Engine

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
KyE½E	120	—	—	47 20	No Lon	27°W	—	16 25	—

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 15 day of December 18
1	7		ESE	LLE	Broad	comes in with strong
2	7				3050	Ly E winds small Lead
3	7					Cloudy Hazy
4	7					
5	7					
6	8		"	"	"	Passed 1 Ship 2 Barks bound
7	8					East 2 Ships 2 Barks bound
8	8					West
9	8					
10	8					Middle part very dark
11	8		"	"	"	with Light Spits of Rain
12	8					
1	8					
2	8					
3	8		"	"	"	
4	7					
5	7					
6	7					Latter part same weather
7	7		"	"	"	At Meridian the same
8	7					
9	7					Crew employed repairing
10	7					Sails and at 8 this Ship
11	6		"	"	"	at Anchor this day
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
ESE	175	—	—	48 20	No Lon	27°W	—	12 20	—

From Lon Hamerton towards Falmouth Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues 16 day of December 1879
1	6		E½S	SSE	Brisk	
2	6					
3	6					
4	6		"	"	30 50	
5	6					
6	6					
7	6					
8	6					
9	6		"	"	"	
10	6					
11	6					
12	6					
1	6		"	"	"	
2	6					
3	5					
4	5		East	SSE	"	
5	5					
6	5		ESE	SE		
7	5					
8	5				"	
9	4		SE	ESE		
10	4					
11	3	½	"	"	"	
12	3					

117 | 1764 | 150 64/117 mile per day
117 | 117
591
585
064 | 117
N & Bog leg
Mate

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE	136	—	—	49 22		27 W	—	8 40	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 17 day of December 1879
1	3		SSW	ESE	Brisk	This day Agrees with fine
2	3	½				ESE especially with passing squalls
3	4				"	at 2 PM Stp and set N Egt
4	4		"	SE	30 50	for 6 run for Cuttystowns
5	5					give up SE hopes of getting to
6	6					Falmouth
7	6					
8	6		"	SSE	"	8 PM wind South
9	6					fine all Sail on.
10	6				3055	
11	6			South		
12	6					Midnight Sounded 70 fathom
1	6		"	"	"	fine and Shells.
2	6					
3	6					
4	6				3060	4 A.M Sounded 55 fathom ozE
5	6		SSW	SW		
6	6					Latter Light SE Winds
7	6				"	small Rattles Lead
8	6		"	"		all Sail set
9	6					Saw good Sweep Vessel
10	6		"	"	"	bound up and down
11	6					Closed Pilot Cutter bound at 12 am
12	6					to Enter this day
			"	"	"	

1764 = 1176 mile Sailed 117 degrees

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE	120	—	—	—	57 20	27 W	—	8 10	

From Lon Hamerton towards Falmouth Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 18 day of December 1879
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Lon Hamerton
180 miles
SE

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Fried 19 day of December 1879
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

1764 = 1176 miles Sailed
1176 = 117 degrees
117 | 351 3 days
468
351
117

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cardiff towards Java.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs. 10 day of March
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Finish Loading Started
Load on board 2108 Tons Coal
15 Tons Ship Coal
40 Tons Salt
Ship Draft 22. Fwd 5 21
Down Hook

Line Ends Lead Line at 5 A M
Come on board Hauled Hook down into the Bason
At 9 A M Pilot came on board Towed out
Dyke 22 Fms Low 2 Long Boats at Mendoza
Took Pilot and Wind Left it from South to East
This day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Cardiff Wales towards Angri Java.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 12 day of March 1850
1	9		West	SSW	Broads 3 3/4 0	Commencing with strong SSW winds small 2 at mid thick Fog and Misty with Rain
2	9					
3	9		"	"	"	
4	8					
5	7					
6	6		"	"	"	At 6 P M wind & Stood to West Tacked to SSW
7	4					
8	3		SW	WSW		
9	2					
10	1		"			
11	1				"	Midnight Calm thick Fog
12	1		"	"		
1	1					
2	1					
3	1		SSW	West	"	Land still Sea Look ni Land Bed
4	1					
5	1					
6	1			"	"	Latter part Light airs
7	1		South	WSW	"	from SW Tacked to WNW
8	2				2 3/4 3	Still thick Fog.
9	2		SSW	SW		
10	3					& Ended this day
11	4					
12	3		WNW	SW		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 13 day of March 1850
1	3		NNW	SW	Broads 2 0 3 5	PM Comes in with Light SW gusts small sea Foul thick mist and Fog.
2	3					
3	3					
4	3		"	"		
5	3				"	
6	3					
7	3					
8	3		South	WSW	"	8 P M. Luked to South
9	3					
10	3					
11	3		SE	SSW	"	
12	3		West			Midnight thick and Misty wind boisterous Settled to WNW.
1	3					
2	3		"	"	"	
3	4					
4	4					
5	5		"			
6	6			"	"	
7	7					Latter part Strong and boisterous with passing Fog showers
8	8		West	SW		at Mendoza the Land
9	9		"		"	
10	9			"		
11	9		"			Land still Sea Look ni Sea Bed
12	9			"	"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					49 34 23	—	—		1024

From Cardiff Wales towards Cenger Java

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, June 14 day of March 18
1	9		West	SSW	Beat	This day begins with fine
2	9				30 30	SSW wind & small head Sea
3	8		"	"		with passing misty showers
4	8				"	all sail set
5	8					
6	7				30 20	
7	6					
8	6		"	"		
9	6				"	
10	6					Middle part same
11	6					weather
12	6			"	"	
1	6		"			
2	6					Lasted still Sick in her bed
3	6					poor Sailor
4	6					
5	6				"	Latter part stronger
6	6		"	"		
7	6					Lenend all Light sails
8	5	1			"	
9	5	1				Ends Lenny Lead end Lenend
10	5	1		"	"	Tear and trigger Top Gallt
11	5	1	"			at Meridian Wt same
12	5				"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WbW	140	—	—	—	4836	23°W	—	—	133

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 15 day of March 18 80
1	5		West	SSW	Beat	
2	5				30 15	Commencing fine Southerly
3	5					winds small sea pursuing
4	5		"	"	"	Misty showers
5	5					4 PM Leavy head
6	5					Lead Lenend Top Gallt Sails
7	5					
8	5		"	"	"	
9	5					
10	5		WbS	SbW		Middle part squally
11	4					with misty showers
12	4				30 10	
1	4		"			
2	4			"		
3	4					
4	4		WbW	South	"	
5	4					Latter part Increasing
6	4					Lead Sail & Gallt Sail
7	5		"	"	30 05	at Meridian the
8	5					Same
9	6				"	Ship in company
10	6		"	"		
11	6					Laura Still Sick in her
12	6				"	Bed. So ends.
			"	"		

493 Miles Sailed 5 days end

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	120	—	—	4750	—	23°W	—	1548	

From Cardiff Wales towards Cenger Java

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues 16 day of March 1880
1	6		WbS	South	30 08	AM Comes in with fresh
2	6					Southerly winds Lowy Weather
3	6					Lead with Thick Mist and
4	6		"	"	"	Rain
5	6					
6	6				"	Lowered Still Sick in Bed
7	6					
8	6		"	"	30 00	
9	6					Middle part Same weather
10	6				"	
11	6					
12	6		"		29 80	
1	6					
2	6		SbW	SbW		2 AM wind Change & West
3	6				"	Lighted Ship & SbW. wind very
4	6					baffling with pouring squalls
5	7		"		29 85	Ended Sq Sail
6	7					
7	8				"	Latter part more moderate
8	8		South	WbW		Set T.G. Sails
9	8					at Meridian Thing
10	9		"	"		Weather winds small and
11	9				"	Squally
12	9					So ends the day

600 Miles Sailed 6 days end

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WbW ½W	100	—	—	—	46 05	22°W	—	—	16 00

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 17 day of March 18 80
1	9		South	WbW	29 80	
2	9					Weather Commence fine with
3	9					Threatning Clouds
4	9		SbE	SW		
5	8				29 70	
6	7		SE	SbW		6 PM Lay Reed to West
7	7					Ended Sq Sail
8	7		West	SbW		& do Rig Top Sail
9	6				"	10 do Ended Sail Course
10	5					Same to under 2 Lower Sail
11	5		WbW	South		
12	5		Same to	2 Lower	Set sail	Finding it Same to under 2
1	2½					Lower Top Sail Rig Spencer
2	2½					
3	2½		"	"	"	
4	2½				29 60	
5	2½					
6	2½					
7	2½		"	"	"	Latter part Blowing & Lowy
8	2½					Feathers Sail. Sq Gallt Sail
9	2½		"			& Meridian the Same
10	2½			"	"	Lowered Still Sick in her
11	2½					Bed So Ends the day
12	2½		"	"		

660 Miles Sailed 7 days end

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
3/4 W	70	—	—	45 35	—	26°W	—	16 40	

From Cardiff Wales towards Anga Port

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 18 day of March 18 80
1	2		WSW	LLE	2960	Commencing with fresh Light Gale Under 3 Lower Top Sails
2	2					Reef Foresail
3	2		"	"		
4	2					4 P.M. wind West
5	2				"	more ship's L&W weather thick
6	2			"		and raining 6 P.M. Calm very
7	2		Leith			dirty with a frightful Sea
8	2				"	Breaking over Ship Side and
9	1		Various	Various		Labor heavily
10	1					
11	1				"	Middle part variable
12	1		"	"		more Heavy Sea with Rain
1	1					
2	1					
3	1					
4	2		"	"	2970	4 A.M. Calm thick and
5	2					Raining
6	2					Laura Still Sea Sick
7	2		"	"	"	in Bed
8	2					Latter part Done At 10 A.M.
9	2		LW	WW		Ship wind to WW. Thick with
10	1					Rain
11	9				"	At Meridian Made Dist which
12	9		"	"		Supposed Course & Distance Days

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LW.	240	—	—	45-00		25°W.		1738 -	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 19 day of March 1880
1	9		2W	WWW	2280	
2	9					PM comes in with Thick
3	9					WW winds Heavy Sea with
4	9		"	"	"	pressing Squalls
5	9					3 P.M. Sat 5 Days Sails
6	10					
7	10				"	7 do Sat Light Sails
8	10		"	"	"	
9	10					
10	10					
11	10				"	
12	10		"	"		Midnight Thick WW
1	10				2220	winds Heavy Sea & Cloudy Sky
2	10					
3	9					Laura Still Sea Sick in
4	9		"	"	"	Bed
5	8					
6	8			WW		Latter part Moderated
7	8			-		and Lefting
8	7		"			
9	7					At Mid. this Done
10	7			WWW	"	Sea & Steamer bound
11	7					East
12	7		"	"		& Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	210	—	—		41 43	28°W	—	—	1900

From Cardiff Wales towards Anga Port

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat. 20 day of March 1880
1	7		2W	WWW	2220	This day begins with fresh
2	7					WWW winds small Sea with
3	7					thick passing Showers
4	7		"	"	"	
5	7					Laura still Sea Sick in
6	7		LLW	West		Bed
7	7				"	Middle part Squally
8	7					
9	7					
10	7		Wash	WSW	2295	Employed At Lashed Ship
11	7		LLE	LW		to Wind.
12	7		LE	LLW		
1	7		West	"	"	3 A.M. Shift wind to
2	7		"			WW Forked to LW
3	7		VBE	SW		
4	7		LW	WW	"	
5	7					5 A.M. Set all Light
6	8				2000	Sails
7	8		"	"		
8	9					At Meridian Set Mizen
9	9		"	"	"	with Passing Rain Showers
10	9					Saw 6 Vessels bound
11	9					various ways so ends this
12	9		"	"	"	day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	180	—	—	—	38.33	25°W	—	—	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun. 21 day of Mar.
1	9		SWbW	WW	Becomes	
2	9				2010	Commencing with fine WW
3	9					winds Small Sea fine weather
4	9		"	"		Mo
5	9					
6	8				"	
7	8					
8	8					
9	8		"	"	2015 -	
10	8					Middle part Same wind
11	8				"	with Light passing Squalls
12	8			WW		
1	8					
2	8		"		"	
3	8					
4	7			WW	2020	
5	7					Latter part fine with a
6	7				"	Heavy WWSea
7	7		"	"		At Meridian this
8	7				2030	Same
9	7			"		Day 1 Boat bound
10	7					South
11	7				"	Large Still Sick Ship
12	7		"	"		Lee Bed & Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSW	175 -	—	—	—	3624	25°W	—	—	21.00

From Cardiff Wales towards Conga. Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon.d 22 day of March 1880
1	2		LW	SE	2 3	This day begins with lig.t bff.g airs & small rain
2	2					
3	2					
4	2		"	"	"	
5	2					
6	2					
7	2					
8	2		"	ESE	"	Middle part Lenc wrathed
9	2					
10	2					
11	2			ESE		
12	2				"	
1	2		"			
2	2			ESE		Latter part Strongs and bff.g
3	2					
4	3				"	
5	3		"	SE		At Mid.t the Lenc
6	4					
7	5					1 Ship and Brig Dyn Company
8	6			South	"	Lee 1 Bark Lyes bound to
9	6		"			the ESE
10	7					At Meridian
11	7			SSW	"	bff.g Laura Still Lea Lick
12	7		"	"		wh Bed Most of the Lenc

1355 - Miles Sailed 14 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSW	80	—	—	—	35-48	24°W	—	—	21-32

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues.d 23 day of March 1880
1	7		WbN	SW	2 0 2 5	
2	7					Commencing with fresh SW
3	7		WbW	WSW		wind heavy Sea with Thick
4	7				"	pouring Clouds
5	7					
6	7		LLE	LW	2 0 2 0	6 PM Sighted to LLE
7	7					hauled S by Sails
8	6					
9	6				"	
10	6		"	"		
11	6					Midnight part Lenc
12	6				2 0 1 5	weather
1	6		4			
2	6			"		
3	6				"	
4	6					2am 1 Brig bound East
5	6		4	"	2 0 1 0	
6	6					Latter part Sledy SW
7	5					winds
8	5		"	"	"	at Mid.t the Lenc
9	5					
10	5					Laura Still Lea Sick in Bed
11	5					
12	5		"	"	"	Do Ends this day

1435 - Miles Sailed 13 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	80	—	—	—	34 44	23°W	—	—	21 09

From Cardiff Wales towards Conga. Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 24 day of March 1880
1	6		LLE	LW		Berauto Pt. Comes in with lig.t
2	6					3 o'clock SW winds small rain
3	6					Light passing Clouds
4	6		"	"		
5	5					
6	5				4	
7	5					
8	5					
9	5		"	"	"	
10	5					Middle part Lenc
11	5					wrathed
12	5				"	
1	5					
2	5		"	"		
3	6					
4	6					Latter part Lig.t and
5	6					bff.g
6	6		"	"	"	
7	6		South	WbW	2 0 1 5	At Meridian the
8	6					Lenc
9	6				"	
10	6		"	"	3 0 2 0	Laura Still Lea sick
11	6					in Bed
12	6				"	Do Ends this day

1355 - Miles Sailed 14 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SLLE	140	—	—	—	33 03	23°W	—	—	19 10

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs.d 25 day of March 1880
1	6		South	WbW	Berauto	Commencing with Showy
2	6		LLE	LW	2 0 2 5	WbW winds heavy Sea
3	6					with Thick pouring Clouds
4	6		"			4 PM heavy SW Squalls
5	6		LW	SW		
6	6				2 0 3 0	
7	5					
8	5		"	"		
9	5					Middle part very rainy
10	4					
11	4					
12	4		"	WbW	2 0 4 0	
1	4					
2	4			West		
3	3					
4	3		"	NW	"	Latter part Light and bff.g
5	3					
6	3			South		10 AM Calm
7	3		"		"	
8	3			Calm		
9	3					At Mid.t the Lenc
10	3					
11	3		"	"	"	Laura Still Lea Sick
12	3					In bed. So Ends

1665 - Miles Sailed 23 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SLW	90	—	—	—	31 43	24°W	—	—	19 40

From Cardiff Wales towards Cape Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 26 day of March 1880
1						
2	2		Cdm	Cdm	Broads 2040	This day begins with Cdm fine and warm heavy WW Sails
3						
4	2					
5	2		"	"	"	
6	2					
7	2					WNW & DM Light airs fair
8	2		LW	WW	20	
9	3					
10	3					
11	3					Midnight fine WW winds
12	3					
1	4		"	"		
2	4				30 30	Laura Still Lea Lieh in Red.
3	4		"	"		
4	4					
5	5					
6	5		"	"	"	Latter part Strange
7	5					
8	5	1				At Md the Same
9	5			WW		1 Bark in Company
10	5	1	"		"	
11	5	1		"		2 Ences this day
12	5					

1755 Miles Sailed 16 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE	90	—	—	—	30 22	23 W	—	—	20 13

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 27 day of March 1880
1	5		LW	WNW	Broads	
2	6				2030	Commencing with fine
3	6					WNW winds Small WW
4	7					2 Ea fine and warm
5	7		"	"	"	
6	7					finish squaring foresail
7	7					Lent at
8	7		"	"	"	
9	7					
10	7					
11	7		"	"	"	Middle part Same weather
12	7					
1	7					
2	7			Variable		
3	7		"			
4	7				"	Latter part Steady SE winds
5	7					
6	7		"	SSE		Small sea
7	7					fine weather
8	7					
9	7			SE	"	At Md the Same
10	7		"			
11	7					Laura Still Lea Lieh.
12	7			"	"	in Red 2 Ences

1925 Miles Sailed 17 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SEW	170	—	—	—	27 45	23 W	—	—	21 06

From Cardiff Wales towards Cape Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 28 day of March 1880
1	7		SW	SE	Broads	Commences DM fine SE wind small
2	7				20 30	20 Lead with Light passing Clouds
3	7		"	"	"	fine weather
4	7					
5	7					
6	7					
7	8		"	"	"	
8	8					
9	8					Middle part Same
10	8					weather
11	8		"	"	"	
12	8					
1	8					
2	8					
3	8					
4	8		"	"	"	
5	8					Latter part Stronger
6	8					and Lofting
7	8		"	"	"	
8	8					At Md the Same
9	8		LWbS	SSE		Saw 2 Barks bound
10	8					West
11	8		"	"	"	Laura Still Lea Lieh
12	8					in Red
						2 Ences this day

1925 Miles Sailed 18 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LSW	170	—	—	25 40	25 07	22 W	—	—	22 01

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 29 day of March 1880
1	8		LbW	SSE	Broads	
2	8				20 25	Commences DM fine
3	8		"	"		SSE small Lead with fine
4	8				"	weather all sail set
5	8					
6	8		"	"		
7	8					
8	8					
9	8					
10	8		"	"	"	Middle part squalls
11	8					with thick passing Clouds & rain
12	8				20 20	
1	9					
2	9				"	
3	9		"			
4	9				"	
5	9					Latter part strong Easterly
6	10				"	winds small Sea with
7	10		"			passing squalls
8	10				"	At Md the Same
9	10					
10	10	2	LgW½W	East		Laura Still Lea Lieh in
11	10				"	Red. 2 Ences this
12	10		"	"		day

1925 Miles Sailed 19 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SbW	210	—	—	—	21 47	20 W	—	—	22 16

From Cardiff Wales towards Anga Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun 20 day of March 1881
1	9		Lg W	ESE	Brad	P M. Comes in with Strong
2	9				3020	ESE winds small fear. Lead
3	9					all Sail Set
4	9		"	"	"	
5	9					
6	9					
7	10					
8	10			"	2015	Middle part Strong with
9	10		"			all Sail on. Laura very
10	10					much fatigues worked night
11	11					Sleep nor let my self Sleep
12	11				"	
1	11		"	"		
2	11					
3	11					
4	11		"	"	"	
5	11					
6	11					
7	11		"	"		Latter part Strong Easterly
8	11					winds small Topsle at Sea
9	11				4	moderate & rather wet about
10	11		"	"		Dark.
11	11					At Meridian the Land
12	11				4	Laura Still Lea Sick.
						In Bed. So ends

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
ESE	250	—	—	—	17 42	19° W	—	—	22 00

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 21 day of March 1880
1	11		Lg W	ESE	Brad	
2	11				3050	P M Comes in with Strong
3	11					ESE winds small fear with
4	11		"	"	"	light passing clouds
5	11					
6	10					
7	10					
8	10		"	"	"	
9	10					
10	9					
11	9					
12	9		"	"		Middle part moderate
1	9					
2	9				"	
3	9					
4	9					Latter part Stronger
5	9		4	"		
6	9				"	At Meridian the Land
7	10					
8	10		LLW	4		
9	10					Laura Still Lea Sick.
10	10		2	"	"	my Bed no hopes
11	10		"			her get up on the passage
12	10		"	"		& Ends that day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SbW	220	—	—	—	13 56	20° W	—	—	21 34

From Cardiff Wales towards Anga Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thur 1 day of April 1880
1	10		LLW	ESE	Brad	Commencing with Strong
2	10				3000	ESE winds small sea Light
3	10					and warm.
4	10		"	"	"	Laura came out on Deck
5	10					this afternoon appeared very much
6	9					better Keeping the spell he
7	9					all night & now
8	9		"	"	"	
9	9					
10	9					
11	9		"	"	"	Middle part Strong and
12	9					fine
1	9					
2	9					
3	9		"	"	"	
4	9					
5	10					
6	10					Latter part strong ESE
7	10		"	"	"	winds small Top sle fine
8	10					weather
9	10					Finish repairing Forecastle
10	10					bent & repairing Spare Main
11	10		"	"	"	Top Sail
12	10					So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SbW	210	—	—	—	10 28	19° W	—	—	21 56

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Fri 2 day of April 1880
1	10		SbW	ESE	Brad	
2	10				2996	P M. Comes in with Strong
3	9					ESE winds small fine and
4	9					warm.
5	9		"	"	"	Finish repairing Fore T. Sail
6	9					Left it employed repairing in S B
7	8					Sail
8	8					Middle part more moderate
9	8		"	"	"	with thick passing clouds
10	8					
11	8					
12	8					
1	8		"	"	"	
2	7					
3	7					
4	7					Latter part Stronger
5	7					
6	7		"	"	"	At Meridian the Land
7	7					weather very Hot
8	7					Barometer 95°
9	7					Saw one Bark bound to the
10	7		"	"	"	ESE
11	7					Laura Set up a little
12	7					So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SbW	170	—	—	—	7 44	19° W	—	—	22 15 W

From Cardiff Wales towards Angies Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 3 day of April 1880
1	7					
2						
3	7					
4	6		"	"	"	
5						
6	6		"	"	20 00	
7	5					
8	5		"			
9	4				"	
10	4		"	"		Middle part Same weather
11	4					
12	4				"	
1	4		"			
2	4			"		
3	4					4 A M Light and Squally
4	4		"		"	
5	4					
6	4			NE		
7	4		"	NE		Latter part Light and Lightly
8	4		SW	ENE	"	with passing rain showers
9				East		
10	5		"			At Meridian the same
11	6				"	Sound a little Delta as
12	6		"			Ends this day

Sailed 24 Miles 3 2 5 7

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	112	—	—	—	5 50	19 W	—	22 30	—

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 4 day of April 1880
1	6		SW	Variable	Barometer	Commencing Light variable
2	6				30 00	airs small sea very flat
3	6			Fresh		
4	8		"	to		
5	4			NW	"	
6	3					
7	3					
8	2		"	"		Middle part Light variable
9	2				"	airs
10	2					
11	2			"		
12	2		"			
1	2				"	
2	2					
3	2		"	"		
4	2					
5	2				"	Latter part Same weather
6	2					At Meridian very
7	2		"	"		Hot
8	2					Sound still Dead
9	2				4	Sick in Bed and at the
10	2		"	"		Same to Ends this
11	2					day
12	2				"	

Sailed 23 Miles 3 3 0 7

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	50	—	—	—	5 20	20 W	—	—	22.00

From Cardiff Wales towards Angies Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 5 day of April 1880
1	2		SW	Variable	Barometer	
2	2				30 05	During these 24 hours
3	2					Light variable airs with Calms
4	2		"	"	"	Small Rain showers
5	2					Weather very Fair
6	2					
7	2					
8	2		"	"	"	
9	2					
10	2					
11	2					Middle part Same
12	2				"	
1	2		"	"		
2	2					
3	2					
4	2		"			
5	2			"		Latter part still Calms
6	2				"	
7	2					At Meridian the same
8	2		"	"		
9	2					Sound still Lazy in Bed
10	2				"	
11	2		"	"		So Ends this day
12	2					

Sailed 33 5 7 Miles

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	60	—	—	—	4 38	20 W	—	—	23 20

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 6 day of April 1880
1	2		SWbS	Variable	Barometer	
2	2				30 00	During these 24 hours
3	2					Light variable airs small
4	2		"	"	"	Rain fine and Hot
5	2					
6	2					Saw 1 Ship bound South
7	2					
8	2		"	"	"	
9	2					
10	2					Middle part Calm
11	2					
12	2		"	"	"	
1	2					
2	Calm					
3						
4						
5			"	"	"	
6	Hot					Latter part Light variable
7						airs
8	Calm					At Meridian the same
9			"	"	"	Sound still sick and Lazy
10						
11						So Ends this day
12						

Sailed 33 92 Miles

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	35	—	—	—	4 00		—		23.00

From Cardiff Wales towards Algier Coast

H.	K	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 7 day of April 1880
1	1		SWbS	Sathe	Brandy	PM Comes in with Light Sathe
2	1				20000	Cirs small sea fish and
3	1					Hot Thermto 10°
4	1					
5	1		"	"	"	Loss sight of the ship
6	1					
7	1					
8	1					
9	1		"	WbW	"	Middle part Light
10	2					and Lifting
11	2					
12	2		"	"	"	
1	2					
2	2					
3	2			WW	"	
4	2		"			
5	2					
6	2					Latta part Lems weather
7	2			WWW	"	at Meridian the Lems
8	3		"			
9	3					
10	3			"	"	Loured guest to ships
1	3		"			Lable for Supper first time
2	3			"		Lems ser left Cardiff
						Lems Lifes of ter gallowy com

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South	43	—	—	—	3 17	19°W	—	—	23 00

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thursday 8 day of April 1880
1	3		LWbS	NbW	Brandy	
2	3				2000	Begins with Light variable
3	3					Airs small sea fair and
4	3					Hot
5	3		"	"	"	Spoke one English Bark
6	3					from Jowk bound to Englan
7	3					two days out
8	3		"	"	"	
9	3					
10	3					Laura Still & Cattle Letter
11	3					had her Hair cut off
12	3		WbS	SbW	"	Middle part Lefflin at 2 PM
1	3					with wind S South Sailed ships
2	3					to West at 11 PM Colm
3	3		"	"		
4	3					at 2 AM Light Airs from NW
5	4		LW	SW	"	Sailed to 5 PM one
6	4					
7	4					
8	4		"	"	"	at 9 AM be One English
9	4					Ship Less we Showing Sig and
10	4					Mr. R. J. Franey London
11	4		"	"	"	bound to Lydney. at Mdt
12	4					Light NbW Airs

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W	78	—	—		2 00	19°W	—	—	23 15

From Cardiff Wales towards Algier Coast

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 9 day of April 1880
1	3		LbW	NW	Brandy	Begins with Light SW
2	3				30	Cirrs small sea fair and
3	3					Hot
4	3					
5	3					
6	3		"	"	"	
7	3					
8	3					Middle part Squally
9	3					Rainy with Calms
10	3		"	"		
11					"	
12						
1			"	"		
2						
3			LE	Very bly	"	Latter part wind LE
4				with		with passing Rain & Squalls
5			East	Calms		
6						
7			Calm		4	at Meridian the Lems
8						3 Ships in Company
9						bound to Cork
10	3		LbW	East		
11	3		"	"	"	Loured Still gaining
12	3					a Little Day spoke Lems
						Hair shaved off to ease her

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South	45	—	—	—	1 14	19 0	—	—	23 00

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 10 day of April 1880
1	3		LbW	East	Brandy	PM Comes in with Light
2	3				3000	Cirrs small sea
3	4					fair very Hot Thermto 90°
4	5		"	"		passing Rain squalls Sailed
5	6				"	up all the Cattle have as much
6	7					Water on board as we did when
7	7		"	"	"	I left Cardiff
8	6					
9	5					Middle part Calm
10	4					
11	Calm		Calm	Calm	"	
12						
1	4					Calm Calm
2			"	"	"	
3						
4	"					4 do Calm
5						
6	4		"	"		3 Ships in Company
7						
8						Laura Still gaining a little
9	4					
10			LbW	NbW	"	10 AM Light variable airs
11	2					with Rain showers at
12	2		"	"		Mdt the Lems to Engar

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South	40	—	—	—	0 39 South	18°W	—	—	23 23

From Cardiff Wales towards Angier Point.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 11 day of April 18 80
1	2		Lg WbW	WNW	Bcats 2000	Commencing with Lig ht Latterly appearance of a small head fm and Hot Thermometer 98° in the Cabin
2	2					
3	2					
4	2		"	"	"	
5	2					
6	2					
7	2		"	"	"	
8	2					
9	2					Middle Lig ht Variable airs Cloudy Lhy
10	2					
11	2		"	"	"	
12	2					
1	2					On the Line Stas @ head wrk of 3d 36 miles
2	2					
3	2					Latter part Light airs
4	2		"	"	"	with Calms
5	1					
6	1					At Meridian the
7	1					Same
8	1		LE	LW Fresh	"	2 Ships in company
9	1					one Brig found South
10	1		EbE			Large Still gaining
11	1					but dreadful Lazy
12	1		LE		"	So Ends this day

36 36 Miles Laid 32 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
[illegible]	40	—	—	Nothing	Nothing	15° W	—	—	23 15

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 12 day of April 1880
1	1		LE	LW	Bcats	
2	1		LbW	LE	2000	PM Came in with Calms
3	4					at 1 PM Light airs from LE
4	4					& do very Equally and
5	5		"	"	"	Raing
6	5					6 Vessels in Company
7	5					
8	4					Caught 1 Bonito Fish 7 lbs
9	3		"	"	"	
10	2					
11	2					
12	2					Middle part Light and
1	2					baffling Fish thick persing
2	3		"	"	"	Clouds
3	3					
4	3					
5	4		"	"	"	
6	4					
7	5					Latter part stronger
8	6		LWbS	LbS	"	with heavy Rain Showers
9	6					
10	7		"	"		At Meridian this same
11	7					Large still gaining @ Latter
12	7					but very very Lazy So Ends

37 21 Miles Laid 33 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LW	85	—	—	—	1 13S	16° W	—	—	23 35

From Cardiff Wales towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues. 13 day of April 1880
1	7		LbyN	Calm	Bcats	This day begins with Strong
2	7		WbW	Lt Var	2000	Lowtherly rubbish small Sea
3	7		"	winds		Cloudy Sky
4	7					3 Ships in company
5	7		"	"	"	
6	7					
7	6					
8	6		"			
9	6			"	"	
10	6		LbyW			Middle part Strong and
11	6					baffling
12	6					
1	6			"	"	
2	6		LW			Caught 1 Bonita Fish
3	6					5 lbs
4	6					
5	6		LbyW	"	"	Latter part Fine weather
6	6					Spoke English Ship H. & F.
7	6					from London bound to Calcutta
8	6		"			32 days out dispd 3 Miles in
9	6			"	"	Longitude
10	6					Large Still Gaining
11	6		"		"	keeping the mill continues of
12	6					so

3 8 8 1 Miles Laid 34 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LW	160	—	—	—	3 13S	13° W	—	—	23 15

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 14 day of April 1880
1	6		WbW	LbE	Bcats	
2	6			Baffling	2000	This day begins with fine
3	6					LbE. winds small LbE fine
4	6		"	"	"	and Hot
5	6					Crew Employed cleaning
6	6					Ship ready for Painting
7	6					
8	6					
9	6		"	"	"	
10	6					
11	6					Middle part baffling and
12	6					fine all Sail Set
1	6		"	"	"	
2	6					
3	6					Large Still remain the same
4	6					as before
5	6		"	"	"	
6	6					Latter part fine and Hot
7	7					
8	7					Employed Painting Ship in
9	7					Side
10	7		"	"	"	and Oiling Decks
11	7					So Ends this day
12	7					

140 3 6 Miles Laid 35 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LW	165	—	—	—	4 37S	14° W	—	—	23 20

From Cardiff Wales towards Cangin Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thursday 15 day of April 18 80
1	7		WNW	Lyt E		Bermuda This day begins with fine St E
2	7					20 05 mrnd Lukall Lea fine and
3	7		"	"		Hot Thermometer 96°
4	7					3 Ships in Company
5	7		"		"	
6	7					
7	7		LW	Lyt		
8	7		"			
9	7				"	
10	7					Middle part baffling with
11	7					thick passing Clouds
12	8					
1	8		Lyt	"E	"	
2	8					
3	8					
4	8					
5	8		"	"	"	
6	8					Latter part strong
7	8					
8	9		"	"		and fine
9	9					
10	9		LW	Lyt	"	Saw 1 Ship in Company
11	9					Saw a little Lea Lick
12	9		"	"		to Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LW	180	—	—	—	7° 008'	11 W	—	—	29 00

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 16 day of April 1880
1	9		Lyt	L E		Barnets S M Comp in with Strong
2	9					20 00 L E winds heavy Sea make one
3	9					one break over the Hull stop
4	9					all Painting. Saw Ves Lea
5	9		"	"	"	Leg Light all day sounding
6	9					about the Strong Trades
7	9					Lows obliged to stop Ves as
8	9					could not weight for the good
9	9		"	"	"	LE Trades when this Lyon
10	9					Lee Thank I your old Hens
11	9					always in his Place with a Bucket
12	9					Middle part Strong and
1	9					fine
2	9		"	"	"	
3	9					
4	9					
5	9					
6	9		"	"	"	
7	9					
8	9					Latter part Strong and
9	9					Smooth Lea Manage to Bust
10	9					a Cattle
11	9		"	"	"	at Meridian the Same
12	8					all well
						to Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Lyt W by W	215	—	—	—	10 03	12 W	—	—	30 40

From Cardiff Wales towards Cangin Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 17 day of April 1880
1	8		LWyt.	L E		Barnets During these 24 hours strong
2	8					3 Fore L E winds small sea with
3	8					passing Rain Showers
4	8		'	"	"	
5	8					
6	9					Saw 1 Brig bound North
7	9					
8	9					
9	9		"	"	"	Middle part baffling with
10	9					heavy E E Lea thick passing
11	9					Clouds
12	9					
1	8		"	"	"	
2	8					
3	8					
4	8					
5	8					
6	8		"	"	"	Latter part strong and
7	8					baffling fine weather
8	8					heavy Lea
9	8					
10	8					At Meridian the Same
11	8		"	"	"	Land a little Lea Lick
12	8					to Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LW	212	—	—	—	13 19	10 W	—	—	31 29

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 18 day of April 1880
1	8		LWN	L E		Barnets
2	8					Begins with strong L E
3	8					winds heavy Sea with Light
4	8		"	"	"	passing Clouds
5	8					
6	8					
7	8					
8	8		"	"	"	
9	8					
10	9					
11	9					Middle part Light passing Clouds
12	9					
1	9		"	"	"	
2	9					
3	9					
4	9					
5	9		"	"	"	
6	9					
7	9					Latter part strong and steady
8	9					at Mid the same
9	8		"	"	"	Saw Brig bound North
10	8					
11	8					Found pretty smart
12	8		"	"	"	to Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LW	210	—	—	—	16 28	10 W	—	32	20 West

From Cardiff Wales towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 19 day of April 18
1	7		LLW	LE	Barad 2000	This day begins with LE winds & Squalls of wind and Rain
2	7					
3	7					
4	7		"	"	"	
5	7					
6	7					Loud & little Jar Luff to day Lee mark out of order
7	7					
8	7					
9	7		"	"	"	
10	7					Middle part some weather
11	7					
12	7					
1	7		"	"	"	
2	7					
3	7					
4	7					
5	7		"	"	"	
6	7					Latter part stronger and squally
7	7					
8	8					
9	8		"	"	"	At Meridian the Same
10	8					
11	8					Crew employed in Various Jobs
12	8		"	"	"	& Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LLW	200	—	—	—	12 15	8 W	—	—	33 10

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 20 day of April 1880
1	8		South	ESE	Barad 30 05	Begins with Strong LE winds with Jerking Squalls
2	8					
3	8					
4	8		"	"	"	Small Rain
5	8					
6	8					
7	8					
8	8		"	East	"	
9	8					
10	8					Middle part Lofting
11	8					
12	8					
1	8		"	SSE	"	and Cloudy Smooth Sea
2	8					
3	8		SSE	"		
4	8					
5	8					
6	8		"	SE	"	Latter part Fair SSE
7	8					winds Small Fair
8	8					weather rather
9	8		"	"		
10	8				"	Loud Pretty Smart mugg &
11	8					part Cap Sheaves in at Body
12	8		"	"		Right Aires &c - So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E	Zero	—	—	—	22 17	8 W		—	32 25

From Cardiff Wales towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 21 day of April 1880
1	8		SSE	SE	Barad 30 10	Commencing with fresh SE winds & Small Sea fine and clear
2	8					
3	8		"	"		
4	8					
5	7					
6	7		"	"	"	
7	6					
8	6					
9	6					Middle part more moderate
10	6		"	"	"	
11	6					
12	6					
1	6					
2	6		"	"	"	
3	6					
4	6					
5	6					Latter part baffling with
6	6		"	"	"	Passing Rain Showers &
7	6					Meridian the Same
8	6					
9	6					Loud not so well to day
10	6		"	NNE	"	it to much Beams Sough.
11	6					Yesterday Lead to depth Less
12	6					Less Night. so note it be

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE	170	—	—	—	24 36	8 W	—	—	31 05

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 22 day of April 1880
1	6		LLE	NNE	Barad 20 10	This day begins with fine NE winds & Small with Passing Rain Showers
2	6					
3	6		"	"		
4	6				"	
5	6					
6	6					
7	6		"	"		
8	6					
9	6			South	"	Middle part fine, with
10	6		"			At times with sharp Lightning
11	6					
12	6			NNW		
1	6				"	
2	6		"			
3	6				"	
4	6					
5	5		"	"	"	Latter part very Lofting
6	5					with Rain Showers
7	5					
8	4			Variable		at Meridian the Same
9	4		"	from	"	Day & Ship heard South
10	3			SW		Loud down Deck with
11	3			to		the Drapery what to do with
12	4		"	East	"	her I do not Know

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE	140	—	—	26 30	—	8 W	—	—	29 11 40

From Cardiff Bales towards Anger Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 23 day of April 1880
1	4		SE	Variable all round to the Eastd	Barometer 30.10	P M. ceases in Light variable Airs. Small lead with passing Rain showers
2	4					
3	3		"			
4	3					
5	2					
6	1					
7	1					
8	1					
9	1		"	"	"	Middle part very Light Airs and Rainy with Light Variable
10	1					
11	2					
12	3					
1	3		"	"	"	Midnight Less and W Sea.
2	3					
3	3					
4	3					
5	3		"	"	"	Latter part Light and Steady with Less and W Sea.
6	3					
7	3					
8	3		"	SW	"	At Meridian the same
9	3					
10	3					Saw 3 Ships bound South
11	4			"		Light Airs & Calms
12	4		"		"	Manage to get up mid the Rain so Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE	60	——	——	——	27 10	9°W	——	28 40	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat. 24 day of April 1880
1	4		SE	SW	Barometer 30.10	Commencing with Light SW winds small & W Sea fine and Hazy
2	4					
3	4					
4	4		"	"		
5	4					
6	4				"	
7	5		"	South		
8	5					
9	5					
10	5					
11	5				"	Middle part Steady Northerly winds small sea fine passing Rain showers
12	5			"		
1	5		"			
2	5					
3	5				"	Latter part Light Airs & Calms Employed smoothing Main Chain Cable
4	5			NW		
5	5		"			
6	5					
7	5				"	Latter part fine NW winds small sea fine weather spoke the ship Lord Leyndhurst from Liverpool bound to Calcutta 45 days out
8	5			"		
9	5		"			
10	6					
11	6	3	73 Miles Sailed 45 days out	"	"	
12	6					At Meridian fine and Steady So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE	130	——	——	——	29 00	8°W	——	——	27 30

From Cardiff Bales towards Anger Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun 25 day of April 1880
1	6		SEly	NNE	Barom. 30.10	This day begins with fine NNE winds & small Sea
2	7					
3	8		"	"		fine Weather
4	9					
5	9				"	Saw a strong sweep Lopping the still Continue so
6	9					
7	9		"	"		
8	10					
9	10					
10	11				"	Middle part Strong with a Smooth Sea. with Light passing Clouds
11	11					
12	11		"	SE		
1	11					
2	11				"	
3	11					
4	11					
5	11		"	"	"	Latter part Light Airs & Calms Employed smoothing one Clean Cask over the
6	11					
7	11					
8	11			"		ship
9	11				"	Ship Lord Leyndhurst as per
10	11		"			account as you Pass SEE.
11	11					So Ends this day
12	11		"	"	"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SEly	245	——	——	——	30 07	12°W	——	——	23 10

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 26 day of April 1880
1	11		SEbS	SE	Barometer 30.10	This day begins with strong NE winds small sea & passing squalls
2	11					
3	11		"			
4	11			"		
5	11					
6	11				"	Fore part Light Airs & the Ship Lord Leyndhurst Calms much better than the Lord
7	11		"			
8	11					
9	11			"		Middle part Some weather
10	11		"			
11	11				"	At 10 P M. fast Rope & Stopper parted split the Sail reliev'd & Spell one
12	10		"			
1	10			"		
2	10				30.15	
3	10					
4	10					
5	10		"		"	Latter part strong NE winds heavy Sea employed on Deck over the Ship
6	10			"		
7	10					
8	10		"		"	At Meridian the Same
9	10					
10	10					Crew employ'd doubling the Bumkins fitting rail for
11	10			"		
12	9		"		"	heavy weather So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SEbE	220	——	——	——	33 13	13°W	——	——	19 50

From Cardiff Wales towards Anglesea Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues. 27 day of April 18
1	2		L E & E	S E	Barom. Commencing with fresh
2					30 10 squalls Small Rain
3					
4					
5			"	"	
6					" Latter part still gaining strength
7					the is doing very finely
8					
9			"		
10					" Middle part blowing
11					with passing Rain squalls
12	4				30 10
1	4		"		
2	4				
3	4		E & E	Variable	"
4	3			Southerly	
5	3		East	winds	
6	3		E & E		Latter part Light and
7	3		E S E	"	" blowing & Am Tacked ship
8	3		E S E		Still very blowing
9	3		S S W		at 11. Am Tacked ship
10	3		East	"	" S E & E
11	3				L L W.
12	3		L L W	"	At Meridian the Same
					weather Saw several Ships
					So Ends this day

63 08 Miles Sailed 48 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E S E	90	—	—	—	32 40	13 W	—	17 00	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 28 day of April 18
1	3		L L W	Variable	Barom.	
2	3				30 15	P.M. Comes in with Light
3	2			"		Variable airs small L W Sun
4	2		South.			with Thick passing clouds
5	2					
6	1		L by E	"	"	
7	1					
8	1		"		30 00	
9	1					Middle part Calm
10	1					
11	1		"			
12	C		Calm	Calm	"	
1						
2						
3	M		"	"	"	Laura Still doing well.
4						Hilda not very well
5						Flesh very soft dropping off on
6	1					account of the new Salt Cannery
7	"		"	"	30 05	
8						
9	"					2 A M Light airs from
10	2		L L W	L E	"	East
11	2					At Meridian this
12	2		"	"	"	Same So Ends this day

63 28 Miles Sailed 49 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	20	—	—	33 30	—	—	—	16 46	

From Cardiff Wales towards Anglesea Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thur. 29 day of April 1880
1	2		Calms	Calm	Barom.	P M comes in with
2	2				30 05	
3	1					Calms Calms
4	1					
5	1		"	"	"	
6						
7						Calms
8						
9			"	"	"	
10						Calms Calms
11						
12						
1			"	"	"	
2						
3						Calms.
4						Laura very well In her
5			"	"	"	Loving she gets Continuous
6						A M Light airs from
7						S S W.
8	2		L E	Variable		
9	2		East	S E	"	I am Tacked ship
10	3		E S E	airs		& S S W.
11	3		S S W			At Mid. Light variable
12	3			"	"	airs from weather So Ends

63 13 Miles Sailed 51 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S S E	25	—	—	—	34 03	14 W	—	16 20	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Frid. 30 day of April 18
1	3		L L W	L E	Barom.	
2	2		"	"	30 05	Commencing with Light
3	1					L E airs small S W & W
4	C		Calm	Calm	"	fair and warm
5	A					3 P M Calm
6	L					
7	M					Laura pretty smart Body
8	C		"	"	"	well.
9	A					
10	L					Middle part Calm
11	M					
12	C		"	"	"	1 A M Light airs from
1	A					W S W fine
2	L		Light	W S W		
3	Bn					
4	3				"	
5	4					
6	5		"	"	30 10	
7	6					Latter part Strong & with
8	6					passing Rain Showers
9	6		"	"	"	
10	6					At Meridian the Same
11	5					
12	5		"	"	"	So Ends this day

63 Miles Sailed 51 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
L S E	60	—	—	—	35 00 S	13 W	—	—	16 12

From Cardiff Wales towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat. 1st day of May 1880
1	5		South	West	Barometer	Commencing with fine
2	5					W.W winds small sea
3	5				30 10	fine weather
4	5		"	"		Good many Sea Birds
5	6					round the Ship
6	6					
7	6					Loused very smart manage to
8	6		"	"	"	wash the Body Clothes and
9	6					put the Butter on the Table
10	6					Middle part Light Variable
11	6					winds Small Sea
12	6		"	"	"	fine weather
1	6					
2	6					
3	6					
4	8		"	"	"	
5	8					
6	8					Latter part fine Westerly
7	8					winds Heavy LW Swell
8	8		"	"	"	
9	8					at Meridian the same
10	8					
11	8					all well
12	8		"	"	"	Pumps sounded 6

65-43 Miles Sailed 5½ days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Eby S	130	—	—	—	37 00	14 00	—	—	14 49

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun. 2nd day of May 1880
1	8		Eby S	North	Barometer	This day begins with fine
2	8				30 10	Variable winds and Good
3	8					fine weather
4	8		"	"	"	
5	8					
6	8					Loused very well but did
7	8					not Eat much Provisions
8	8					on account of her Disordered
9	8		"	"	"	trouble
10	9			NbE		Middle part Strong
11	9					with passing Squalls
12	9		"			
1	10			"		
2	10					
3	10		"	North	"	
4	10					
5	10			"		
6	10				2 00	Latter part strong W
7	10		"	VBW		Squally & C.M. Lepaud fell
8	10					Light Sails
9	10			"	"	to do Landed I.G.S.
10	10					at Meridian strong Squally
11	10		"			do Ends
12	10			"	"	

6 & 93 Miles Sailed 5¾ days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Eby S	220	—	—	38 28	—	16 W	—	8 00	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues. 4th day of May 1880
1	10		Eby S	NbW	Barometer	
2	10				30 10	P.M. Comes in with
3	10					strong WbW winds small
4	9					LW swell
5	9					with passing Fog and
6	9			North		Rain showers
7	9		"			
8	8					
9	7					
10	7				"	Middle part more
11	7		"	"		moderate
12	7					Lat by D.R.
1	7				30 15	
2	7					
3	7		ESE	NbE	"	
4	7					H.A.M. Light Fine
5	7					Lat all Lights Soundings
6	7				30 15	
7	6		"	"		at Meridian Fresh
8	6					NbE winds small Fog
9	6				"	with passing Fog showers
10	6		"	"		at Meridian the same
11	6					Loused very well all are
12	6				"	Hilda hopeing they will conti

70 83 Miles Sailed 6½ days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
ESE	130	—	—	—	28 00	14 W	—		12 38

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Eby S	190	—	—	39.00	South	20 W	—	3 00	Wst

From Cardiff Wales towards Cangier Barn

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 5 day of May — 18 8
1	6		Eyl	NNE	Barat Begins Thing NNE	
2	6				2 0 20 winds small sea	
3	6				Mist and Fog squalls	
4	7					
5	8				Loused one hy Bale very	
6	9		"	"	well Boy got one of the hands	
7	9				both thought	
8	9				Middle part Thing with	
9	9				Heavy Fog clear squalls	
10	9				3 0 30	
11	9					
12	9		"	"		
1	9					
2	9		ESE	SEyS	"	
3	9					
4	9				Latter part fine	
5	9				weather & Steady NNE	
6	8		"	"	winds	
7	8				At Maidden the Sea	
8	8				3 0 35 Ran good deal Hollow Broken	
9	8				good many Sea Birds	
10	8		"	"	round the Ship	
11	8					
12	8					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Eas	190	—	—	32 00	37 00	23 00	—	—	1 20 0

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thur 6 day of May 18 8
1	8		ENE	NE	2 0 20	
2	8					This day begins with fine
3	8					ESE winds & smooth Sea
4	8					fine weather
5	8		"	"	"	
6	8					At 2 P.M Came up with
7	8					the Ship Matchless from
8	9					London bound to Gothenburg
9	9		"	"	3 0 25	59 days out 8 P.M got Cast
10	10					Light of Len
11	10					
12	10				"	Middle part Thing
1	10					ESE winds & hazy Sea
2	10		"	"		Cloudy & Dry
3	10				3 0 20	
4	10					
5	10					
6	10					Latter part Still
7	10		"	"	"	the same wind and
8	9					weather
9	9					
10	9					
11	9		"	"	"	Lound very well also
12	9					boby the Lights & near Lath

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Eyl	180	—	—	—	37 00	28 W	—	—	5 1

From Cardiff Wales towards Cangier Barn

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Frid 7 day of May 18 80
1	9		L E	NE	Barat This day begins with Fine	
2	9				3 0 20 NE winds small sea	
3	9				with Light passing clouds	
4	9		"	"		
5	9					
6	8				3 0 10 good many Birds round	
7	8				the Ship	
8	8			SSE		
9	7					
10	6		"		3 0 0 5 Middle part Cuffling	
11	6			South	and Raing	
12	6					
1	6					
2	6		"	WSW		
3	6				3 0 10	
4	7			NW		
5	8					
6	8		"	WNW		
7	8				3 0 15	
8	9			WSW		
9	9					
10	10			SW	"	Laud still very ill
11	10		"			Coat Body still ill
12	10					hoping they will Cont

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Eyl	190	—	—	—	38 03	25 W	—	—	9 00

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 8 day of May 18 80
1	10		LE	SW	Barometer	
2	10				3 0 15 This day Comes in with	
3	10				Thing SW winds small sea	
4	9		"	"	fine weather	
5	8				" all sail Sat	
6	8					
7	7					
8	7		"	"		
9	7				3 0 20 Middle part Light and	
10	6				baffling with a few	
11	6				Squalls	
12	5				"	
1	4		"	NW		
2	4				3 0 30	
3	4					
4	4			West	"	
5	3		"			Latter part baffling with
6	3				3 0 40 a few W & W Lch fine	
7	3			NNW	weather	
8	3				" Caught one Large Albatross	
9	3		"			Preserved Light for Laud
10	4		Eyl	NW		
11	4				"	Laud very ill also Fitz
12	4					so Eyes this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Eyl	140				38 08	26 W	—	—	11 30

From Cardiff Wales towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Lunday 9 day of May 1880
1	4					
2	4		SE	SW	Barom	Commencing with fresh
3	5				30 40	SW winds heavy Westerly
4	4		"	"	"	swell fine weather
5	5					and many Birds around
6	5					the Ship
7	5		"	"	"	
8	5					
9	5					
10	5			WSW		Middle part squally
11	5					and baffling
12	5					
1	5		"		"	
2	5					
3	5					
4	5			West	"	Latter part Westerly winds
5	5					heavy Westerly Sea
6	6		"			and fine weather all Day
7	6			"		
8	7					At Meridian the
9	7					same Low Barr
10	8		"	"	"	and Cloudy
11	8					Sounded and Hilda very
12	8					well. So ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
ys	135	—	—	—	38 30	26 W	—	—	13 50

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 10 day of May 1880
1	8					
2	8		SbyE	West	Barom	
3	8				30 40	PM Calms in with thick
4	8					Westerly winds Heavy Sea
5	8		"	"	"	with Sprinkling Rain showers
6	7					
7	6					
8	6					
9	6		"	SW	"	Middle part baffling
10	5					windy Small Sea Cloudy
11	5					Sky.
12	5					
1	5		"	SSW	"	
2	5					
3	5					
4	4					Latter part Light
5	4		ESE	South		variable airs Small Westerly
6	3				"	Swell.
7	3					Cloudy Sky
8	3		East	SSE		
9	3					At Meridian the Same
10	3		ENE	SE	"	
11	3		NbyE			Laura and Hilda very Small
12	3		"	"	"	Sea Sailing they and Consteam

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
EbyS	110	—	—	—	38 03	26	—	—	15 35

From Cardiff Wales towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 11 day of May 1880
1	3					
2	3		NE	SE	Barom	This day begins
3	3				20 40	with Light airs & Fine
4	3		NbyW	"		small Sea with fine
5	3					weather & PM Sorted
6	3		"	"	"	to SbyW.
7	3					
8	4					
9	4		"		"	
10	4					Middle part baffling
11	4					and Cloudy
12	5					
1	5					
2	5		South	"		
3	5				"	
4	5					Latter part Stronger
5	5					and Cloudy
6	6					Small Sea
7	6					
8	6					At Meridian the same
9	6					
10	6		"	"		Laura very well
11	6					as of Hilda
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SbyE	172	712	—	—	—			39 14	28 W	—	—	16 50

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 12 day of May 1880
1	6					
2	5		SE	NE	Barom	Commencing with Light
3	4				30 40	SE winds Small Sea Fine
4	3		Calm	Calm	"	and Calm
5						
6						PM Calm and
7			"	"	"	Fine
8						Calm Calm
9						
10						Middle part Calm
11			"	"	3030	
12						Calm
1						
2			"	"	3020	
3						Calm Calm
4						
5						
6	2		"		"	
7	3		SE	West		6 AM Light airs from
8	4					West Fine
9	5			NbyW	"	
10	5					At Meridian Fine
11	6		"	"		and Strong & Cross Sea
12	6				"	day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
EbyS	60	—	—	—	39 29	26 W	—	—	18 00

From Cardiff Moles towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 13 day of May 18
1	6				Barom	PM comes in with Lig
2	6				30 10	SW winds small 2 E
3	6					weather all fair
4	6					
5	6		"	"	"	
6	6					Loud very well also Hilo
7	6					
8	6					
9	6		"	"	"	
10	6					Middle part same wea
11	6					
12	6					
1	6		"	"	"	
2	6					
3	6			NW		
4	7		"	Sakis	"	Latter part stronger with
5	7					freshing Rain Squalls
6	7					
7	7				30 15	At Meridian the same
8	8		"	"		
9	8					
10	9				"	Crew employed in various
11	9					Jobs
12	9		"	"	"	So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
S	140	—	—	—	39 50	29° W	—	—	21

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 14 day of May 18
1	9					
2	8		Lig E	Sakis	Barom	Commencing with strong
3	7				30 15	Squalls of Rain
4	6					
5	5		"	"	"	with Thick passing Clouds
6	4					
7	3					7 PM Light Airs
8	2					
9	1		Calm	Calm	"	Loud very well
10	—					also Hilo
11	1					
12	1					Midnight Calm.
1	1		"	"	"	
2	1					
3	1					
4	1					
5	4		SE	ESE	"	5 AM Light Airs from
6	5					NNE.
7	7		SSE	East		
8	8					Latter part strong
9	8		"	"	"	and Squally Lenard all
10	8					Light Sails
11	8					
12	8		"	"	"	At Meridian the same

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
ESE	120	—	—	—	39 55	30 W	—	—	26

From Cardiff Moles towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 15 day of May 1880
1	8				Barom	This day begins with strong
2	8		SE	ESE	30 15	ESE winds small sea
3	8					with misty weather
4	9		"		"	
5	9					passed one Bark bound East
6	9		SE	ESE		
7	9				30 10	
8	9					
9	9					
10	11		"		"	
11	11			"		Middle part strong winds thick
12	11					and misty handed all
1	11				30 5	Light Sails
2	11		"	"		
3	11					
4	11				"	
5	10					
6	10		"	"	29 90	
7	9					Latter part strong winds
8	9					misty
9	9				"	At Meridian the same
10	9					
11	9		"	"		Loud very well Hilo not so
12	9					well. So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
ESE	200	—	—	—	40 36	30 W	—	—	30 30

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun 16 day of May 1880
1	9					
2	9		LE	ESE	Barom	
3	9				29 90	This day begins with strong
4	8		LSE	SSE		ESE winds heavy sea
5	8					with Thick passing Clouds
6	7		"	"	"	Loud very well but Hilo heard
7	7					Night fog and the Ship rolling much
8	6					6 PM Squally handed all Light
9	5		"		"	Sails to do sharp Lightning
10	4			NNW		and heavy Thunder Rain ceased PM.
11	4			NW		8 do Weather looking very bad
12	4		"	West	"	handed Main Sail & W.S. Sail
1	2					Jib
2	2					Midnight heavy Thunder
3	2		"		"	sharp Lightning thick and Rain
4	2					4 AM moderated set W.S.
5	3					
6	4			NNW		
7	5		"		"	6 AM wind West set all sail
8	6					
9	7		"	SW		Latter part fresh SW winds
10	8					thick and Misty
11	8					At Meridian the same
12	9		"			So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
ESE	130	—	—	40 10		30° W	—	33.20	

From Cardiff Wales towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday day of May 1880
1	10		Legue	L W	Barad	
2	10				29 20	Commencing with strong
3	10					L W winds Hazy sea with
4	10		"	"	"	pressing squalls & rained
5	10					and fair weather very cold
6	10					
7	10					
8	11		"	"		
9	11				"	8 PM Moderated sail T.G. sail
10	11					
11	11				20 00	Midnight More Moderate
12	11		"	"		fair all Light sails
1	11					
2	10					
3	10					
4	10			LbW	3005	Latter part Freshing winds
5	10					small sea Cloudy Hazy
6	9					All sail set
7	8					
8	6		"	"	3010	At Meridian the same
9	6					
10	6					Saw 1 ship Bound East
11	6				3015	& Ends this day
12	6		"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W	200 W	—	—	—	39 37	30 W	—	38 30	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 8 day of May 1880
1	6		Legue	SW	Barad	
2	6				2015	P.M. Comes in with fine
3	7					& W winds small sea fine
4	7					weather
5	7		"	LW	"	
6	8					Laurd and the Baby very
7	8					well.
8	8					
9	8		"	WbW	"	
10	8					Middle part Light
11	8					with pressing Misty showers
12	8					
1	8				"	
2	8		"	West		
3	8					
4	8					
5	8			WbW	"	
6	8		"			Latter part strong
7	8					Misty showers small sea
8	8			"		All sail set
9	8				"	
10	8		"			At Meridian the same
11	9			"		
12	9				"	24 Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
West	150	—	—	—	39 37	30 W	—	—	41 30

From Cardiff Wales towards Angiers Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 19 day of May 1880
1	9		Legue	West	Barad	This day begins with fine
2	8				2015	Westerly wind & Hazy sea
3	7					with pressing misty showers
4	6					all sail set
5	5		"	"	"	
6	5					
7	5					
8	6					
9	7					
10	7		"	"	"	Middle part same weather
11	8					
12	8					
1	8					Laura and the Baby
2	8		"	"	"	very well Refusing
3	8					they will Continue so
4	8					
5	8					
6	8		"	"	"	Latter part strong W & N
7	8					winds small sea
8	8					fine weather
9	8					
10	9		Legue	NbW	"	At Meridian the same
11	9					
12	9		"	"		Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E by N	155	—	—	—	39 33	29 W	—	—	4

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thur. 20 day of May 1880
1	9		Legue	WbW	Barad	Commencing with strong
2	8				2015	WbW winds small sea fine
3	7					weather
4	6					4 PM moderate
5	6		"	"	"	Lewy LW Led making this
6	5					Ships road heavenly
7	5					
8	4			Calms		9 PM Calm
9	—					
10	2		"	South	"	11 do fine moonl Fresh
11	3					South Midnight wind SW
12	4					
1	5			SbW		
2	5					
3	5				"	
4	6		"			
5	6			WbW		Latter part strong LW Gale
6	6					Handed all Light Sails
7	7				"	WbS T.G. sail & set the
8	8		East	West		
9	9					At Meridian strong LW
10	10			WbW	"	Gale Lewy Led making
11	10		East			one tack over the ships
12	10			"	"	Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E by S	160	—	—	—	39 28	28 W	—	—	49-20

From Cardiff Wales towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 21 day of May 1880
1	10		Eye	L W	Barometer 29 20	P M Comes in blowing a heavy
2	10					gale heavy sea
3	10					breaking over the ship
4	11					
5	11		"	"	"	
6	11					
7	11					Middle part strong and
8	11			L S W	30 25	squally
9	11					
10	11		"			Laura and the Baby
11	11					very ill
12	11					
1	10			"	30 30	
2	10		"			Midnight more moderate
3	10					and all Sail
4	10			"		
5	10		"		30 35	
6	9					
7	9					Latter part moderate with
8	8			"		heavy Ocean Swell Making
9	8		"			the Ship roll very heavily
10	8				30 40	at Meridian the Same
11	7					all Sail
12	7		"	"	"	Pumps Sounded

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Eye	200	—	—	38 40		28° W	—	54 00	54 00

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 22 day of May 1880
1	7		Sea Eye	S W	Barometer	Commencing with Heavy S S W
2	7				30 20	winds Small sea light Head
3	7					Passing Clouds
4	7			"		Employed Sounding & Altering
5	7		"			Stuff Sails for Repairs
6	7				"	
7	7					
8	7			"		Middle part Blowing
9	7					with Passing squalls & Rain
10	7		"	S W	30 30	and Rain
11	7					
12	7					
1	7				"	
2	7			W S W		
3	7		"		30 25	Latter part Strong and
4	7					squally Landed Light Sails
5	8				"	
6	8					
7	8		East		"	took the Pilot & Sea
8	8					broke the Cabin Window
9	8				"	
10	8		"	"		at Meridian Strong and
11	8					squally
12	8					So ends this day
					"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
East	175	—	—	38 40	38 33	26° W	—	58° 00 E	

From Cardiff Wales towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 23 day of May 1880
1	9		E S E	N W	Barometer	Fine Clear day begins with a Strong
2	9				30 25	N W Gale heavy Sea running
3	9		East	West		the Ship before the Sea.
4	9				"	4 P M Sounded No Bottom
5	9					Laura and the Baby had
6	9					a very hard night on account
7	9		"	"	30 20	the Ship rolling heavily
8	9					
9	9					Middle part very squally
10	9				"	heavy Sea making a Clear
11	9					Clear breach over the Ships
12	9		"	"		
1	9				30 15	
2	9					
3	9				"	
4	9		"	"		
5	9				30 20	Latter part mind change to
6	9		E S E	W S W		S W Hauled Ship up to E S E for
7	9				"	to keep the Sea breaking over
8	9		S E	S W		the Ship
9	9				30 25	At Meridian very
10	9					squally White Top Sail Carried
11	9		"	"		main Sail Set
12	9				"	So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E by N	200	—	—	37 44		26° W	—	82 00	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 24 day of May 1880
1	9		S E by E	S W	Barometer	Barometer Comes in blowing a Heavy
2	9				30 20	S W Gales heavy Sea with Strong
3	9					squalls of Hail and Rain
4	9					
5	9		"	"		4 P M Moderated Sent
6	9				"	S. G. Sails
7	9					Laura very ill also
8	9					Hilda
9	9			"		
10	9		"		30 15	Middle part blowing
11	8			S S W		strong Rain squalls Sent
12	8					Light Sails
1	7				"	
2	7					
3	7			West	30 10	
4	7		"			
5	7					
6	8		S E by E	W S W	"	Latter part strong Wester
7	8					winds Heavy Sea with
8	8					passing squalls all
9	8		"	"		Sent
10	8					At Meridian the Same
11	8				"	So Ends this day
12	8		"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E by N	180	—	—	37° 46 S		26° W	—	63 30	East

From Cardiff Wales towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 25 day of May 188
1						
2			SEbE	Fresh	Bound	PM Comes in with Strong
3					2010	Westerly winds heavy Sea
4			"	WbN		with Passing Squalls & rain
5						and Rain all Sail Set
6						
7			"	West	3005	Laura and Hilda very well
8						Thank the Lord
9						
10						Middle part befling and
11			"	"		fine
12					3000	
1						Got good observation tonight
2			"	WbW		the Ship 2° 50' to the Eastward
3						
4					29.90	
5			"	"		Latter part Strong befling
6						and squally
7			EbE	WbW	"	At Midnight the Same
8						
9			"	"		
10			WbW		2985	Crew employed repairing
11						Sails and other Jobs
12			"	"	"	So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
East	220	—	—	37 57	37 57	25° W	—	—	72 1

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 26 day of May 18 80
1	10		ESE	SbW	Bound	Thro day begins with Strong
2	10			WbW	2985	winds heavy Sea with
3	10					thick hazing & Squalls
4	10		"	"	"	All Sail Set
5	10					
6	10				2980	Laura very well but tried
7	10					the best prayers Hilda ever
8	10		"	"	"	Lie that way
9	10					Middle part Strong Squally
10	10				2975	Lenard all Light Sail
11	10					
12	10					
1	10		"	"	"	3 AM Increasing Lenard Sq
2	10					
3	10				2970	do Still Increasing
4	10					Strong Squalls Lenard No Sail
5	10					Set Laid Reefed Fore Sail
6	10		"	"	"	under 3 Lo S. Laid Forecast
7						
8						Latter part blowing a Whole
9	10660	Miles Sailed	SbW	SbW	2965	SbW Gale 7 AM Reefed Lenard
10						Ingine Jib & Main Sail Close
11			"	"	"	Reefed Sail under 3 Lo S Set
12						Reefed Sail So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
[illegible]	220	—	—	37 39		23° W	—	76 24	

From Cardiff Wales towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thur. 27 day of May 1880
1	3		SE	SbW.	Bound	12 this day begins Blowing a
2	3				2960	whole Gale SbW under 2 Lows
3	3					Sail Main & Jigger & PM
4	3		"			Thick and Hazy
5	3					
6	3		South	WbW	"	PM Shift veered to
7	3					West Lynes Steered Smoothed
8	6		ESE	West		by the Ship Gear E & Sat
9	7					Le M Sail whole & Fore Sail
10	7					
11	7		"	"	"	10 do Still Moderating
12	7					with Moderate Squalls Set
1	7					Sail.
2	7		"	"		Midnight Set
3	7				"	All Light Sail
4	8					
5	8		"	"		
6	8				2960	
7	8				"	Latter part fine Westerly
8	8		"	"		winds Small sea Employed
9	8				2970	repairing all Sail Set
10	8					So Ends this day
11	8				"	Laura merry after the Storm
12	8		"	"	"	also Hilda

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbE	220	—	—		36 36	23° W	—	—	79 50

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Fri. 28 day of May 18 80
1	8		EbNbN	WbS	Bound	PM Comes in with Strong
2	8					winds heavy Sea with Passing
3	8		"	"	2980	Squalls all Sail Set
4	8					
5	9				"	Laura and Hilda very well
6	9					hoping they will continue
7	9		"	"	2985	
8	10					
9	10					Middle part Still Strong
10	10			WbW	"	with passing Squalls.
11	10		"			
12	10				2990	
1	10					
2	10		"			
3	10		"		"	
4	10					
5	10				2995	Latter part Strong with
6	10		"	"		passing Misty Showers
7	10				"	At Midnight the Same
8	9					
9	9		"	"	2990	Crew employed in various
10	9					Jobs
11	9				2970	All well
12	9		"	"	"	Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbE	220	—	—	34 24		16° W	—	3400	34 00

From Cardiff Wales towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 29 day of May 1880
1			Eyb½N	WbW	Board	4 P.M. Capsized in with strong WbW
2					30 10	winds heavy Sea with pressing
3						Misty showers
4			"	"		
5					"	
6						
7						
8			"	"		
9					30 15	Middle part fine and
10						steady small sea
11			"	"		
12					"	
1				SW		The finest Sog At Sea I
2						Ever have been running my
3			"		"	Easting up.
4				"		
5						
6					30 20	Latter part moderate
7			"			and fine at Sunda
8				"		the 2nd Inst day the Desks
9					"	has been dry for 14 days Thanks
10			"			the Lord
11				"		Laura and Hilda Enjoy
12					"	the fine weather hoping they

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	190	—	—	—	32 35	15° W	—	—	87 21

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 30 day of May 18
1	6		Ebs	SW	30 20	
2	6					Commencing with fine
3	6					NW winds Inhaled Sea fine
4	6		"	"	"	and warm
5	6					Laura very well trying
6	6					to train Hilda y appears
7	6		EbN	"	20 15	
8	6					
9	7					Middle part Stronger
10	8					with light Jobbing Cobble
11	9		"	"		
12	9				"	
1	9					
2	9		"	"		
3	9				30 10	
4	9					
5	9					
6	9		"	"		Latter part Strong
7	9				"	winds Jessing Squally
8	9					Inhall Sea
9	9		"	"		
10	9					At Meridian the Land
11	9				"	All Well
12	9		"	"		Pumps attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
EbyN	180	—	—	—	31 30	8° W	—	—	91 20

From Cardiff Wales towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 31 day of May 1880
1			EbN	North	Board	This day begins fine
2					30 10	but hazy and as small sea
3			"			Fine weather all Sail
4						Sat
5			"	"	"	
6						Laura very well also
7						Hilda hopping this will
8						Continue so
9			"	"	"	
10						
11						
12						Midnight Same weather
1			"	"	"	with a cloudy Sky
2						
3				West	30 15	
4						Sog Am heavy Rain squall
5					"	shift and to West
6			"			
7					30 20	
8						
9						Latter part Westerly squall
10			"	"	"	cloudy Sky fine weather all
11						Sail Sat Fore sog At abt
12						this Albatrals and Cape Pigeons
						To Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
EbyN	180	—	—	—	30 50	8° W	—	—	95

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 1 day of June 18
1			Eyb	West	Board	
2					30 25	Commencing with
3			"	"	"	fine Westerly winds Sea
4						Sh Swell Fine weather
5				SW		all Sail Sat
6					"	Laura very well Sequening
7			"			to train Hilda Baby
8					30 30	
9			"	SbW		
10						Middle part Moderate
11				"	"	and Sobbing
12			"			
1				South		
2					30 35	
3			"	SbE		
4					"	
5			SbE	SE		
6					30 40	Latter part Steady ESE winds
7			NE	ESE		fine weather heavy SW
8						Swell
9			"		"	At Meridian the Land
10			NbW	EbS		
11						Crew employed Scraping
12			"	"	"	Mast and Sob jobs

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbE	160	—	—	—	29 27	8° W	—	—	98 00

From Cardiff Wales towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 2 day of June 18 8
1	6		SSW	East	Barometer P.M comes in with Light
2	6				30 30 Cloudy mixed small sea fine
3	4				weather
4	3				Laura very ill weaned
5	2				Hilda Last Evening had a bad
6	1		"	"	" job she cried most all night
7	1				went asleep crying walked about
8			Calm	Calm	" & P.M Calm with Thunder
9					heavy Squall from SW
10					
11			"	"	"
12					
1					Midnight Same weather
2			"	"	
3					
4					
5	2		ESE	SW	
6	2				6 AM Light dis from
7	3				SW
8	3		"	"	"
9	3				
10	4				Latter part fine SW
11	4		"	"	" winds Crew employed
12	4				At Meridian the same
					So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE	40	—	—	28 82	28 44	7° W	—	28 56	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 3rd day of June 18 8
1	4		East	SW	Barometer	
2	4				30 33 Commencing with Light SW
3	4				wind small sea fine weather
4	4		"	"	
5	5				
6	6				
7	8				30 20 P.M typically and
8	9		"	"	bottling & do landed all Light
9	9				" Gails
10	9				Laura very well Hilda
11	9				30 18 not very well keeping
12	9		"	"	pitch she all Squalls
1	9				Middle part Same
2	9				SW winds
3	9				
4	9		ESE	"	"
5	9				
6	9				Latter part Thing
7	9		SE		steady with Squalls
8	9				SW 2nd Crew & Ships found sick
9	9			"	"
10	9		b		
11	9				At Meridian fine weather
12	9				all sail set
					So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
ENE	204	—	—	27 40		7° W	—	102 E	102.

From Cardiff Wales towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Fri 4 day of June 18 80
1	9		NEbE	SW	Barometer	This day begins with Thing
2	9				30 20 SW winds small sea with	
3	8				Thick passing Clouds	
4	8		"	SSW		
5	8				"	Laura not so well to day
6	8				took a dose of Medicine.	
7	8				Hilda very well	
8	8				30 25 Middle part Same	
9	8		"	"	weather	
10	8					
11	8					
12	8			"		
1	8					
2	8		"	"		
3	8					
4	7				30 30 Latter part light and	
5	7			South		baffling fine weather
6	7		"			
7	6					
8	6					At Meridian the Same
9	6		"	"	"	
10	6					Crew employed Scraping
11	6		"	"	"	down Ship and other Jobs
12	6					So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NNE	160	—	—	25 10	25 25	7° W	—	103 24	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat. 5 day of June 18 80
1	5		NNE	South	Barometer	
2	5				30 20 This day begins with	
3	6				Southerly winds small	
4	6		"	SW	with passing Rain Showers	
5	6				all Sail set	
6	6				Laura much better to day	
7	6			South	" Hilda not very well acting	
8	6				2 men Laura Heath	
9	6		"			
10	6			SE	Middle part Same	
11	6				weather	
12	6			"		
1	6					
2	6		"	"		
3	6					
4	6			SE		
5	6		"		"	Latter part steady SE
6	6					winds small sea cloudy
7	6					Sky.
8	6		"	"	30 25	At Meridian the Same
9	7					
10	7					Crew employed in
11	7				"	various Jobs
12	7		"	"		So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE	160	—	—	22 59	22 53	6° W	—	104 20	Ea

From Cardiff Wales towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 6 day of June 18 80
1	7					Bound Commencing with strong
2	7		SSE	LE		SE winds small and
3	7					with passing squalls of
4	8					rain and Rain
5	8	8	"	"	"	
6	8	8				
7	8	8				
8	9	0				
9	10	0				Middle part same weather
10	10	0	"	"	"	
11	11	0				
12	11	0				
1	11	0				
2	11	0	"		30 35	Caught one Large Jelly Thing
3	11	0	SSE ESE	"		from the Outboard Coal
4	11	0			"	Latter part strong and
5	10	0				fine At Meridian the Same
6	10	0	"	"		
7	9	0				Lizard ferry well also Hilda
8	9	0	SE			
9	9	0				
10	9	0		"		Same one Light Jelly
11	9	0	"			Jag fork overboard Lat Mg
12	8					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E	220	—	—	—	19 17	4 0 W	—	105 16	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 7 day of June 18 80
1	8					Bound
2	8		NbE	LE		3025 PM Comes in with
3	8					strong ESE winds small
4	8		"	"	"	Lead with Light passing
5	8					Clouds all said Lady
6	9					
7	9					Louisa and Hilda very well
8	10	0				
9	10	0				
10	10	0				
11	10	0				Middle part stronger
12	10	0				fine.
1	10	0	"	"	"	
2	10	0				
3	10	0				
4	10	0			30 15	
5	10	0	"	"		
6	10	0				
7	10	0	NbE			Latter part strong
8	10	0		"	"	with a heavy sea
9	10	0				
10	10	0	"			At 9 A M spoke the Ship
11	10	0		"	"	Matthews which we spoke
12	10	0				the 3 day of May bound to
						Yokohama Japan this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbE	220	—	—	—	15 42	—	—	105 17	E

From Cardiff Wales towards Angier Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 8 day of June 18 80
1	9					Barometer This day begins with strong SE
2	9		SbE	LE		29 85 winds Heavy Sea and with Light
3	9					passing Clouds
4	9		"	"		4 Ships in Company
5	8				"	bound East
6	8					Louisa not very well
7	8					also Hilda
8	8		"	"		
9	8				"	Middle part strong
10	8					and fine
11	8					
12	8					30 10
1	8					
2	8		"	"		
3	8					
4	8					
5	8		"	"		30 05
6	8					Latter part moderate and
7	8					Light very Hot
8	7				"	
9	7		"			at Meridian the same
10	6					
11	6					all well
12	6					Pump attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbE	190	—	—	—	12 06	—	—	105 3	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 9 day of June 18 80
1	6					Bound This day begins with fine SE
2	6		Sath	LE		2000 winds Fine all said fine and
3	6					Hot
4	6					Louisa not so well the
5	6		"			Heat not a cool one for
6	7					Hilda Lady well
7	7				3000	
8	7					Middle part same weather
9	7		"			Light wind all said Int
10	7					
11	7					
12	7					
1	7		"	LE		
2	7					29 95
3	8					
4	8					
5	8		NbE	ENE		Latter part Stronger
6	8					with Light passing
7	8					2950 Clouds
8	8					
9	8					at Meridian the same
10	8		"	"	"	Crew employed bending Chains
11	8					putting the Anchors in the Stern
12	9		"	"	"	ready for use. So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbE	195	—	—	—	8 41	—	—	105 8	E

From Cardiff Wales towards Angles Point

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thursday 10 day of June 1880
1						
2						Cerated PM Comes in with Strong
3						2288 Lt & cyrides small rain & fair
4						weather
5						4 PM Equalled Log &
6						set for the Court Journey made
7					"	6 PM Lopped all Light Sail
8						Carried & do Landed Log Line
9			Various	Various		
10					2990	PM Leave Cyrides & Thunder
11			"	"		Lightning Passing ships all round
12					"	Heavy Rain Sails Manned
1						Midnight very dirty with
2						2 Lower Top Sail and all round
3			"	"	299	the Compass 2 different times
4			NE	NNW		4 AM wore ship to NE
5						set w Top Sail 6 AM made
6			NNE	NW	"	the South Coast Jazer
7						Latter part Light variable
8			North	NNW		airs Moderate Sail
9						
10			NW	West	"	at Meridian Light W NW
11			NW	WNW		airs all Sail on Shared up
12						to Royal Head
			"			do Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NNW	65	—	—		7 46	—	—	106 00 East	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Hard 11 day of June 18 80
1						
2						Nothing but Light
3						Variable Airs with Calms
4						
5						Very Hot
6						Thermometer Hanging on 96
7						in the Cabin
8						
9						
10						
11						
12						
1						Made observed 15 Miles
2						Westing
3						
4						
5						
6						
7						Hard Hard Chance
8						to get Round Modus
9						
10						Isle
11						all sail
12						do Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From towards

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Lat 12 day of June 18 80
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

92/ 1 3 160 1743 4/92
160
92
396
368
280
276
4/92

Mile Pud
from Cardiff Bay
to Angles Point
WNW Log

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Lat 13 day of June 18
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From towards

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon 14 day of June
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues. 15 day of June 18
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S 32 E	7.61								

From from Anger towards Lower bay E

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 20 day of June 1880
1						Fresh Gales Dot & Carry
2						& steered to Lower bay E
3						for & disharge
4						here exp answered At
5						one Spread down the
6						coast
7						
8						8 P M came to anchor
9						among the Islands and keeps
10						on the North East of Jour
11						
12						
1						
2						
3						
4						
5						At 5 A M got under
6						way steered up to Batsons
7						Rocks
8						At 9 A M came to anchor
9						off Boundary Id & got further
10						Not Head Calm obtd
11						Dot
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 21 day of June 1880
1			Calm	Calm		Beat This day begins Calm
2				30 00		Laying to Anchor & Completed
3			"	"	"	24 H Calm with 25 fathom
4			"	"		Cable.
5						
6	3		ENE	LW	"	6 P M wind Springs up
7	3					& the Land here appears made
8	3					Quid Round up the East of
9	3					Jour
10	3		"			¼ P M Loose Reef Set
11	3				"	& Adam Id Leg Set Laying LW &
12	3			"		
1	3		"			
2	3					
3	3				"	At daylight Land Point ben
4	3			"		ENE Dist 15 miles wind
5	3		"			& the Land with Mistys
6	3		East			
7	3			"		
8	3				"	Latter part Mistys showers
9	3		"			with a Leg & Puffers & much
10	3			Calm		
11	3		"		"	At Meridian the Land
12	3					all well to Eness

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				5-44	—	—	—	107.20 E	

From Cape Point towards Lourenço

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 22 day of June 1880
1	2		East	S E	Brad	PM Comes in with Light
2	2				2oor	baffling airs Sent Jones and
3	2					others mustering Sent
4	2					Rogers getting to the
5	2		"	"		Eastward on account of
6	2				"	the Westerly Current.
7	2					
8	2					
9	2		"			Middle part Squally
10	2			"	"	and baffling.
11	2					
12	2					
1	2					
2	2		E & E	Variable	"	
3	3					Latter part Squally
4	3			"		with rain.
5	3					5 Ships in Company
6	3		L E & E		"	bound East
7	3					
8	4			"		
9	4		"			
10	4				"	At Meridian Light
11	5					bearing West with
12	5		"	"		Rain

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					5-58			108 12	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 23 day of June 1880
1	3		E & L	Variable	Brad	This day begins with Light
2	3			Southerly	2oor	Variable airs with Rain
3	3		E & E	winds		4 PM Cleared off
4	3					Made 12 Sounded 12 Deep
5	3					12 E & E Dist 15 Miles
6	3					very Light and baffling
7	3		"	"	"	Learnt to be a Current
8	2					setting up and down the
9	2					Coast
10	2					Middle part Calm
11	Calm		"	"	"	
12						
1						Several Vessel in Company
2						bound same as Ourself
3			"	"	"	along the Coast
4						
5						
6						At daylight Light Airs from
7			"	"	"	South & Calm Latter
8	2					part Light Airs & Calm
9	3					Sounded 12 Deep Dist 15 Miles
10	3					At 7 AM Lost Sight of the
11	3		"	"	"	Land bearing W N W Dist 9 Miles
12	3					From which I make Departure
						to ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					6 04	—	—	108 24	East

From Cape Point towards Lourenço 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thur 24 day of June 1880
1	3		E by L	South	Brad	PM Comes in with
2	3				2oor	Light airs Sounded
3	2					12 Sent Jones and
4	2		"	"	"	several Vessels in
5	2					Company bound East
6	2					
7	2		"	"	"	Slow work getting to Leeward
8	2					
9	2					
10	1					
11	1		"	"	"	Middle part Calm
12	1		Calm	Calm		
1						
2					"	
3						
4			"	"		
5					"	
6						Latter part Light airs
7						from South with passing
8	2		E & E	Variable	"	Rain Showers
9	2					at Meridian the
10	3					same
11	3			"		all well
12	3				"	so ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
24	40	—	—		6 06	—	—	102 00	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 25 day of June 1880
1	3		E & E	Variable	3oor	PM Came in with Light
2	3					Variable airs and Calm
3	3					had chance to get to the
4	2					Eastward
5	2					
6	2		"	"	"	
7	2					
8	2					
9	1					
10	1					Middle part Calm
11	1		"	"	"	with passing Rain
12	1					Showers
1	1					
2	1					
3	1					
4	1		"	"	"	
5	1					
6	1					
7	3					Latter part Squally
8	3					weather so as the
9	3		L E & E		"	Ends
10	2					
11	2		"	"		all well
12	2					so ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				6 13				109 40	East

From Anger Point towards Soerabaya

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 26 day of June 18 80
1	2		East	South	3 ovr	P M Capes in with
2	2					Colms fine and warm
3	1					
4	1		"	Variable	"	Low wood many Mountains
5	1					on the South Coast Java
6	1					
7	Cap					
8	Cap					
9			"	"	"	
10	Mr					Middle part Colm
11						
12						
1						
2			"	"	"	4 A M Light abis
3						South Lepuy Raisi
4						
5						
6	2		"		"	Latter part Light L E
7	2					variable first and last
8	3		E by E	"		at 8 A M Mount
9	4				"	Lawu bore S E by E
10	4		S E	S E		25 Miles
11	4					At Meridian bore
12	4		"		"	S by E Dist 20 Miles & Ends

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
various	35				6 07.			110 10	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 27 day of June 18 80
1	4		N E	S E	3 ovr	This day begins with Light
2	4		S E	E N E		S E variable employing several
3	4					Sail to get to the Eastward
4	4					Java Head bore N N E.
5	3				"	
6	3					
7	3					
8	3					
9	2				"	Middle part Light abis
10	1					with Cabbs
11	1		E N E	S E		doing nothing but drifting
12	1					
1	1				"	
2	1					
3	1					
4	1					At 5 A M Light abis
5	1				"	from E by E with Raisi
6	3		N E	E S E		
7	4					at daylight saw the Java
8	5		"	"	"	Coast all the Light Vessels
9	6					Vessels in Company
10	7					bearing East
11	7		"	"	"	At Meridian Mandel bore S
12	7					Java bore S by W Dist 15 Miles with Java
						Head bore W N W Dist 18 Miles & Ends

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					5 57			111 00	East

From Anger Point towards Soerabaya

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon 28 day of June 18 80
1	7		S E	E by E	3 ovr	Commencing with fresh
2	7		S by E	Variable		S E and small Sea
3	7		"	"		with passing Rain showers
4	7					
5	7					
6	7		"	"	"	7 P M got Calm & the 2d Mandel bore
7	6					Dist 3 Miles Hoisted the Mate & Pattarro
8	6		S E			Tacked Ship to N E.
9	6					
10	6		"		"	Midnight at Tacked Ship
11	6					to South
12	6		"			
1	6		S by E			at 2 A M Tacked Ship
2	6			"	"	to E by E
3	6					
4	6					4 A M very Squally and
5	6		E by E			Raing
6	4			"	"	
7	3					8 A M Tacked Ship to
8	2		S by E			S by E
9	2					Latter part Light abis
10	2			"	"	beyond sea
11	2		"			at Mid Day Java Head
12	2					bore S W Dist 20 Miles

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					6 07			111-30	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues 29 day of June 18 80
1	2		S by E	East	2 ovr	
2	2			Squally		P M comes in with
3	3					Light Easterly winds small sea
4	4					fine and warm 3 P M.
5	4				"	Stronger and squally
6	4		S E	"		6 P M Romberg Mountain
7	4					bore S E Dist 3 Miles Tacked Ship
8	4					to N E.
9	4				"	
10	4			"		Midnight Tacked Ship to
11	4		S by E			S by E.
12	4					
1	4				"	
2	4			"		4 A M Tacked to N E.
3	4					
4	4		S E			
5	4					
6	4			"	"	8 A M Tacked Ship to S S E Romberg
7	4					Mountain bore S W by W
8	4		S by E			24 Miles
9	4					
10	4			"	"	At Meridian bore S W
11	4					Dist 15 Miles Weather fine
12	4					Steady Easterly wind

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					6 25-8			111 47	East

From Oyster Point towards Lower Laya

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 30 day of June 1880
1	2		South	Variable	2 or 3	P M cont'd with light airs with Calms
2	2		East	Easterly		making poor progress
3	2					in getting to the Eastward
4	2				4	
5	2		"	"		Lower Coast all in sight
6	2					
7	2					
8	2					
9	2					
10	2		"	"		Middle part heavy
11	2					Rain with Thunder
12	1					and Lightning
1	1					Light airs all
2	1					round the Compass.
3	1		"	"		
4	1					
5	1					
6	1					
7	2					Latter part fine Easterly
8	3		"	"		wind fine and clear
9	4					At Noon the Land
10	4					of Enos this day
11	4					
12	4		"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					6 33			112 10	Est

K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs. 1 day of July 1880
4		E by E	N E	2 or 3	
4					This day begins with
4		"			befling & Easterly winds fine
4			4		and Clear
3		"		"	
3					
2					
1		Calm	"		
				4	
					Middle part Calm
			4		and fine
				"	
		North	"		
2					
2				"	Latter part Light
3		South East			Variable airs from the
3					Eastward
3		East	Light		
3					At Meridian this
3		"		"	Day
3					D Enos this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				6 27	6 27	—	—	112 30	E

From Oyster Point towards Lower Bay E

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun. 2 day of July 1880
1	2		East	South	3 or 4	Nothing but light Airs
2	2					with Calms
3	2			"		only made 6 Miles
4	—				"	to the Eastward
5			Calm	Calm		
6						Hard Hard Luck.
7					"	
8			"	"		Lifting at all for
9						the East
10						
11					"	
12						Laura and Hilda
1			"	"		very much were
2						out with the
3						Heat
4						
5			"	"	"	
6						
7						Our or Lee Island at
8						the Inlet to Water Entrance
9	2		East	South	"	to Lower Bay E. we then
10	2					Do to Do Kept Moder
11	2		"	"		Do to Enos this day
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					6 40			112 35	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 3 day of July 1880
1	3		East	North	3 or 4	
2	3					Commencing with fine
3	3					Northerly winds fine and
4	3				"	Hot
5	3		"	"		spreading up to Noon
6	3				2d	
7	3					
8	3					At Dark the 2d Lieu E by S.
9	2				"	dist 10 Miles
10	2		"	"		
11	2					
12	2					
1	2					
2	2				"	Midnight very Light
3	2		"	"		Northerly Airs
4	1					
5	1					
6	1					At 3 A M Calm
7	2			South	"	at 4 A M Light Airs
8	2		"			from the Land a Lee
9	2		E N E	S E		
10	3				"	Latter part Lefling S E
11	3		N E	East		winds all in Day & Thro
12	3		N N E	"	"	2d to Enos this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					6 24	—	—	112 10	

From Conyers Point towards Lower Hope

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 4 day of July 1880
1	3		E by S	NNE	2000	Hard work in keeping round Modure Dª only Making 2½
2	3					miles up the very Last
3	3					part of Modure Dª in
4	3		"	"	"	Light Wind 15 Miles
5	3					
6	3					
7	3				"	
8	2		"	"		
9	2					
10	2					
11	2		"			Middle part Calm
12	1		ESE	SE	"	
1	1					
2	1		SE	ESE		
3	1					
4	Ca					
5	l		North	ESE	"	Latter part Light
6	m					airs from ENE & fine
7						and Hot
8	2				4	Thermr 96 Sunday on
9	2		SE	ENE		95° in the Cabin
10	2					Loard and Hilda
11	2					very well Loosing this
12	2		"	"	"	will continue so

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					6 86	—	—	113	35

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 5 day of July 1880
1	2		Various	Easly	2000	Nothing but Light Airs Easly
2	3					this forth Courses
3	4					variable fine
4	4					and Hot Thermr 96 in
5	4		"	"	"	the Cabin
6	4					
7	4					
8	3					
9	3		"	"	"	
10	2					Hood Hood chance
11	2					to get round
12	e					
1	a					Modure Dª
2	l		"	"	"	only Made 16 Miles
3	m					to the Eastward
4						
5	"					
6						all well
7	2		"	"	"	
8	2					Do Ends this day
9	3					
10	3					
11	3		"	"	"	
12	3					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					6 34			113 55	East

From Conyers Point towards Lower Hope

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues 6 day of July 1880
1	3		South	Easly	2000	During these 24 hours
2	3		6	Variable		
3	3		Points			Light Airs Easly this Morn
4	3				"	and Hot
5	3					
6	3			"		Making Sweepes
7	3		"			Yorkes & well on the "
8	3					
9	3					Modure
10	2		"	"	"	only Making
11	2					about 16 Miles to the Eastd
12	2					
1	2					
2	2		"	"	"	Had Chance to
3	2					get to Lower Hope.
4	2					
5	2					
6	2		"	"	"	all well
7	2					
8	2					
9	2					
10	2		"	"	"	Do Ends this day
11	2					
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					6 37	—	—	114 00	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 7 day of July 1880
1	3		NNE	ESE	2000	
2	3		to	Variable		Had Hood beating to
3	4		ENE			get to the Eastward Making
4	4					good Mens Jacks mostly
5	4					Light and Rolling Jumps SE
6	4		"	"	"	Fine and Hot
7	4					
8	4					
9	4					
10	4				"	Making only 10 Miles
11	4					Easting
12	4					
1	4					
2	3		"	"		
3	3				"	
4	3					
5	3		"			
6	3			"		At Meridian Hood
7	3				4	End & Modure Dª Ends
8	3					ENE Dist 15 Miles
9	3		"	"		Do Ends this day
10	3					
11	3					all well
12	3		"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					6 34			114 10	E

From Eng'er Point towards Lower bay E

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 8 day of July 1880
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Fri 9 day of July 1880
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Eng'er Point towards Lower bay E

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 10 day of July 18
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun 11 day of July 18
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Soerabaya towards Bang Kok Siam

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 17 day of August 1880
1						This day begins Cirs ends
2						Lead Sms
3						1 PM hove up anc
4						anes Pilot on bd Sur
5						to take his ship out to Lead
6						5 PM hove Up anes
7						got under way stood out
8						the West Chanl.
9						8 PM came
10						to anes at the Light ship
11						
12						
1						
2						
3						5 AM got under way
4						with a Land Breeze E
5						
6						
7						
8						9 A M Pilot left the
9						Ship & the ocstd Sea
10						made all Sail
11		Cdm	Cdm	30 00		at Meridian Pankalan Barat
12		"	"	"		bore SSW Dist 30 Miles

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 18 day of August 1880
1	1		NW	ENE	2 2 80	
2	1					8 PM came in with Cedrs
3	2		"		"	at 2 PM Lt H also from ENE
4	3					
5	4		NNW	East		so do Stanger and Jane
6	5				4	Pankal Perak
7	6					5 PM Lost sight of H
8	7		"	"		bearing SSE dist 25 Miles
9	7					from which I take departure
10	7				"	Hope may care NNW to go to the
11	7		"	ESE		Northward of Kemar Island
12	7					
1	7				"	
2	7					Middle part Strong ESE
3	7		NbyW	"		winds Hazy & Wet
4	7				"	
5	7			"		Thermo 86°
6	7		NW			
7	7			SE	"	Latter part Stiff SE
8	7		NNyW			winds with Light Squalls
9	7			"		Clouds
10	7				"	At Meridian the same
11	7			"		
12	7		"		"	so ends this day

20 Miles NW Current

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	160								

From Soerabaya towards Bang Kok - Siam

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs. 19 day of August 1880
1	7		WbN	ESE	2 2 80	This day begins with fine
2	7					SE & light small Sea
3	7		"	"	"	fine making good progress
4	7					getting across the Java Sea
5	7					
6	7					
7	7					
8	7		"	"	4	
9	7					
10	7					Middle part Strong
11	7					and fine
12	7		"	"	"	
1	7					
2	7					
3	7					
4	7		"	"	"	
5	7					
6	7					Latter part Stiff fine
7	7					Sea Light
8	7		"	"	"	Many very much
9	7					disturbed Vessel by Strong
10	7					Westerly Current the Night
11	7		"	"	"	Per hour - at Mdn
12	7					the Sea is Even this day

353 Miles Sailed Yesterday
38 Miles WbS Current

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WbS	192	—	—	—	4 18	—	—	107	31

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Frid 20 day of August 1880
1	7		WbS	East	2 2 80	Still Proceeding Cross the
2	7					Java Sea
3	7					
4	7		"	"	"	
5	6					
6	6					
7	6					
8	6		"	"	"	
9	6					Middle part Strong
10	6					and Cloudy
11	6					
12	6		"	"	"	
1	6					
2	6					
3	6					
4	6		"	"	"	
5	6					Latter part Strong Easterly
6	6		NW	"	"	winds Small Sea with
7	6					much passing Clouds
8	6					
9	6			"		
10	6		NbW		"	at 10 AM made the South C
11	6					Bunker Island bore by E
12	6		"	"		Bunker at Meridian about the

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	140								

From Lourenço towards Beng Kok Lian

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Lat 21 day of August 1880
1	4		Variable LE		30	1 PM entered the Straits
2	4					Banks with a fine
3	4					LE breeze
4	4		"	"	"	went through Stentes
5	4					Channel
6	4					At 4 PM spoke the Brig Star
7	4					of New York from Iquique bound
8	4					to New York 84 days out he had
9	4		"	"	"	been in Benkla Straits 32 days
10	4					beating and laying to & never the Brig
11	4					was eaten through with the Worms
12	4					Midnight Still
1	4					Steering
2	4		"	"	"	up the Straits
3	4					
4	4					4 AM made Kalions Light
5	4					bearing NW Dist 20 Miles
6	4					
7	4		"	"	"	at daylight bore NbW Dist
8	4					16 Miles
9	4					
10	3					At Meridian Kalions
11	2		"	"	4	Point bore NbE Dist 6 Miles
12	1					so ends this day

I Large whim I got to Beng Kok Pier
Brig Star but with Balasts LE Winds
Still was Gentleman from Yorkshire
Mr Cumins

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	110	—							

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Lun. 22 day of August 1880
1	1		NbE	Variable	2	
2	1				2	
3	1					This day begins with Light
4	2					airs with Calms Layed off &
5	2		"	"	"	on Straits Entrance of Bank's
6	3					Straits 4 PM Log'd this from
7	3					NbE
8	3					
9	3		"	"	"	2 PM Log'd 1 the
10	3					Light bearing SE Dist 16 Miles
11	3					from which I take departure
12	3					found all night got about 18
1	3					fathoms
2	3		"	"	"	
3	3					
4	3					At day Light Made Lordoja Is
5	3					bearing NbW Dist 10 Miles
6	3					very Squally and Rainy
7	3		"	"	"	
8	4					At Meridian bore SbE
9	4					Lorja Is bore West Dist 6
10	4					Miles Squally and Rainy
11	4		"	"	"	so Ends this day
12	4					

68 2 Miles Sailed 5 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Southerly	75	—	—	0 55 Sth	—	—	—	105-12	

From Lourenço towards Beng Kok Lian

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon 23 day of August 1880
1	3		NbE	Variable	2 2	PM. Lyme in with Light
2	3			LE		variable airs with Rain
3	3					2 PM fine with a
4	3		"	"	"	Light breeze
5	3					
6	3					At 6 PM fine with
7	3					a Light Catchers mind get
8	3					Lerins from Lordoja Is bearing
9	3		"	"	"	SE Dist 18 Miles JbE Is bearing
10	3					WbS Dist 25 Miles from
11	3					which I take departure
12	3					
1	3					Middle part fine enet
2	3		"	"	"	steady Easterly airs
3	3					
4	3					
5	3					
6	4		"	"	"	Latter part fine LE airs
7	4					
8	4					
9	5					At Meridian Mount Lengia
10	5		"	"	"	bore SWbW Dist 50 Miles
11	5					from which I take departure
12	5					so Ends this day

170 Miles Sailed 6 days out
23 Miles Southerly current

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbE	88	—	—	—	00 32	—	—	105-23 E	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Lun. 24 day of August 1880
1	5		NbE	SbE	2 2	Commencing with
2	5					fine LE winds & small
3	5					2nd fine weather very much
4	5					resembling Sunday on 96
5	6		"	"	"	
6	8					Lost Sight Bark Cornell
7	6					South
8	5		"	"	"	
9	5					
10	5					Middle part Fine weat.
11	6					
12	6					
1	8		"	"	"	
2	5					
3	5			SbW		
4	5					Latter fine wind at 6 AM mod. the
5	5		"	"	"	2d " Reefs taken being NbW.
6	5					
7	6		NW	SbW		At 9 AM made Pulo Rah
8	6					being NW bodied ship up &
9	6					NbW
10	6		NbW	"		
11	6					At Meridian
12	6					Rah bore NE Dist 10 Miles

884 Miles Sailed 7 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbE	119	—	—	—	2 20	—	—	105-28	

From Lourdaya towards Beng Kok

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 25th day of August 1880
1	6		WbW	LbW	Barom. 29.95	8 PM. Comes in with light LbW winds small sea with light passing Clouds
2	6					
3	6		"			
4	6					
5	6		WbW.	"	"	4 PM Shag and equally.
6	6					6 do Jury all Light
7	6		"		"	Sail 2 gd Lat
8	6					8 gd Barings from Great Redan 2d Stone church
9	6			"		2 Forts Publick Stoks & departure
10	6		"			
11	6				"	
12	6					
1	6		"	"		Middle part Lenne with
2	6					
3	6				"	
4	6		"			
5	6			"		
6	6		WbW		"	Latter part Light variable airs all day Coast Malay Lina Light
7	6					
8	6		"	"	"	at Meridian Light
9	6					
10	6					Lt Barn Lina and Barom
11	6		"			to Endau this day
12	6			"	"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	130	—	—	—	431	—	—	103 48	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs. 26 day of August 1880
1	4		NbW	LbW	2 2 5	
2	4					This day begins with Light Variable
3	4					airs & smooth Sea from NE &
4	5		"	South	"	
5	5					
6	5					At 6 PM got bearing from
7	5		"	LbE	"	Po Brola Pt. bearing N.W.S.
8	5					from which I took a departure
9	5					
10	5					
11	5		"	"		
12	5				"	
1	5			South		Middle part Squally
2	5					Lofty Rainy with sharp Lightning Thunder.
3	5		"			
4	4			LbW	"	
5	4					
6	4		NbW	LbW		At daylight Saw Great
7	4					Redan Pt bearing NbW. Dist 20
8	3			WbW	"	Miles
9	3					Latter part Light Airs
10	3					with Calms at Mid. Redan
11	2		"		"	Saw Lt WbW Dist 18 Miles
12	2					Lourdaya in company

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	100	—	—	—	6 08	—	—	103 22	

From Lourdaya towards Beng Kok

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues. 24 day of August 1880
1	2		SbW	LbE	Barom. 29.90	Commencing Light variable
2	2					airs fine Sunset Sat
3	2					
4	3		WbW	South		
5	4				"	
6	4		"			6 PM got Barings from
7	5			LbW		Great Redan 2d Stone church
8	5			"		2 Forts & departure
9	5		"			
10	5		WbW	WbN		Middle part Baffling
11	5					and Squally
12	4					
1	4		NbW		"	
2	2					4 AM Sailed Ship to
3	3		NbW	"		LbW
4	3		LbW			
5	3		"		"	At daylight Cut Lines
6	4					Saw Lighthouse
7	4		NbW	"		7 AM Sailed Ship
8	6					to NW wind fresh
9	6		NbyW		"	
10	6					At Meridian Light and
11	6		"	"		variable Hugh Cape bearing NbW
12	4				"	Dist 26 Miles to Endau

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	78	—	—	—	6 52	3°E	—	102 20	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 28 day of August 1880
1	3		NbW	NbW	2 2 0	
2	2		NbW	North		Begins with Calms and
3	2					fine and Hot
4	2				"	3 PM Light airs from
5	2		"	"		NbE.
6	3					
7	3					7 PM shift wind to West
8	4		NbW	West	"	thick and Rainy with sharp
9	4					Lightning Lanced all Light
10	4					Airs & Sqls & Squalls
11	4		"			
12	4			"		
1	3				"	
2	3		"			
3	3					
4	3					4 AM fines Sat all sail
5	3		NbW	WbW	"	
6	3					
7	4					At daylight Cape Patani
8	5		"	"		bore NbW. Latter part
9	6				"	Baffling winds Cloudy Sky
10	6					
11	6		"	"		At Mid Cape Patani bore SbW
12	6				"	from which I take departure

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	70	—	—	—	7 27	3°E	—	101 20	East

From Louroboya towards Bang Kok —

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun 29 day of August 1880
1	5		SWpt	Wsd	2 2 90	PM Came in with fine
2	5					Westerly winds and
3	5		SSW	West		Cloudy weather all day
4	5		SWW	WSW	"	Sail
5	5					
6	5					
7	6		WSW	West		
8	6			Variable	"	Middle part Strong
9	7					and Lightning headed Squalls
10	7		SWpW	"		Lay to all Night
11	7					
12	7				"	
1	7		"			
2	6			"		
3	6		WSW		"	
4	5					At Daylight made the East
5	5		WbS			Coast of Malayan Land
6	4		SWbW	"		Middle part Lightning with
7	4				"	Rain Showers
8	3					
9	3		SW	LE		At Meridian Obs
10	2					Same Co Ends this
11	2		"		"	Day
12	2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSW	92	—	—	—	8 56	3 E	—	100 56	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 30 day of August 1880
1	2		SSW	Variable	2 2 90	
2	1		SW			Commencing with Light Airs
3						at 2 PM calm
4			"	"	"	
5						
6						
7						7 PM Light airs from
8			"	"	"	SW
9						
10	3					
11	3					Middle part Coffling
12	3		"	"	"	and Squally
1	4					
2	4					
3	4					
4	5		"	"	"	
5	5					Latter part Thunder
6	5					and Coffling with Cloudy
7	6					Sky Low Dk all in Night
8	6		"	"	"	
9	7					
10	7					At Meridian Saw Dk Bore
11	7					SW Dist 20 Miles
12	7		"		"	& Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NNW	52	—	—	—	9 54	4 E	—	100 32	East

From Louroboya towards Bang Kok

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues. 31 day of August 1880
1	7		SWW	SW	2 2 90	Commencing with Light
2	7					SW winds & Hazy
3	7					Thick passing Showers
4	7					
5	7					5 PM Saw Dk & Ft
6	7		"	"	"	Dk bearing from SW Dist
7	7					20 Miles from which I take
8	8					departure
9	8					
10	8					Middle part Strong
11	8		"	"	"	and Squally Thunder
12	9					Lay to all Night
1	9					
2	9					
3	9					
4	8					At Noon Saw all
5	8		"	"	"	Light Airs
6	7					
7	7					At 6 PM Saw
8	6					Dk Land 300 Degrees being
9	6					West Dist 10 Miles
10	6		"	"	"	At Ind. Prau Berks Saw
11	4					
12	4					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NNW	160	—	—	—	12 34	—	—	100 10	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 1 day of September 1880
1						
2						
3						
4						
5						
6						
7						
8						Anchored at Bang Kok Bar. for 6 coolies for Lighter
9						
10						to go over the Bar Note on this Bar 18 ft 6 —
11						
12						Ship draft 13 feet 6 in fore Ballast 450 Tons
1						
2						on board Dk 5 PM Aground over the Bar
3						
4						with Lay Boat Extra Draught up and down
5						
6						to Khupden Wharf 457 Pilotage $139.00
7						
8						W W Bag Esq
9						
10						Master
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon.

From Bengkok Liam towards Tolmouth Eng d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 30 day of Octobers 18 80
1	2		South	NE	Brisk	This day begins with Leg't
2	2				2 9 00	NE airs & gd under way steering
3	2					down the Gulf
4	2					
5	2		"	"	"	
6	2					At 6 PM Lays Leg't
7	2					& the shipping at Bengkok bore
8	2		"	Variable	"	bearing South
9	1					
10	1					
11	1			"	"	Middle part Leg't
12	1		"			Variable airs with frequent
1	1			"		squalls of wind Rain with
2	1				"	Thunder & Lightening
3	1					
4	2		"	West		
5	2					
6	2				"	
7	3			WbW		At day Leg't Pilot 2d hand LE.
8	4		Leg E			Dist 16 Miles wind NE fine
9	4			WW	"	At Meridian Pilot 2d hand ESE
10	4					dist 8 miles the ship Hatter E
11	5		"	Wbly		Lepley in company Laid a
12	5			NE	"	Superbaya & fenes this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					12 48			100 30	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 31 day of October 18 80
1	6		SSE	NE	Brisk	Commencing with Leg't
2	5				2 E E	NE airs & fair all day fine
3	4					weather
4	3					
5	2		"	"	"	Hatter E Lepley
6	2					still in company
7	2					
8	2			West		7 P M Pilot 2d hand NE
9	2		SEbS		"	Dist 20 Miles from which 2
10	2					Like a departure
11	2			NW	3 0 0 0	
12	2					Midnight Calm
1	4					
2	4		"	Calm		
3	4					
4	5				3 0 0 0	3 A M fine breeze from
5	5					NE
6	5		SE½S	NE		
7	6				"	Latter part strong NE
8	7		"	ESE		winds & small rain
9	7					fine weather
10	8					
11	9		"	"	"	At Meridian the same
12	9					& Winds this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE	90	—	—	—	11 34	2° E	—	101 10 East	

From Bengkok Liam towards Tolmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 1 day of November 18 80
1	8		SEbS	NE	Brisk	Commencing with strong NE
2	7				2 8 00	winds & squalls and fine weather
3	7					2 PM moderate
4	6		"	"	"	
5	5					
6	4					
7	4		"	"	"	Middle part Light & baffling
8	4					airs fine
9	3					
10	2					
11	2		"	"	"	
12	2					
1	2					
2	2					
3	2			"	"	
4	2		"			4 A M Light airs with
5	3					Calms
6	3					
7	4			"	"	
8	4		"			
9	5					Latter part strongers with
10	5					Light parting clouds
11	5		"	"	"	At Meridian the same
12	6					Hatter & Lepley still in company

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Legt	100	—	—	—	10 05	2° E	—	101 57 East	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 2 day of November 18 80
1	6		Legt	NE	Brisk	
2	6				2 0 0 0	This day begins with fine NE
3	5					winds
4	4					small sea fine weather
5	3		"	"	"	
6	2					
7	2					
8	2					
9	1		"	"	"	Middle part Calm.
10	C		Calm	Calm	"	
11	"					Calms Calms
12	"					
1	"					
2	"		"	"	"	
3	"					
4	"		Legt	NW		4 A M Light NW fine
5	2				"	and smooth
6	2					
7	2		"	"		
8	3					Latter fine and Hazy
9	3				"	with a Stark NW wind
10	3					At Meridian the same
11	3		"	"		
12	3				"	Hatter & Lepley still in company

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Legt	40				9 28 N	2° E	—	102 12	

From Bengkok Laim towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wednesday 3 day of November 1880
1	3		LLE	NW	Bearnto 3000	This day begins with Light variable Airs & small rain fine weather
2	3					
3	3		"	"		
4	3					
5	3					
6	3		"	"	"	
7	3					
8	3					
9	3					
10	2		"	"	"	
11	2					
12	2					
1	1		"	"	"	Middle part Calm
2	C		Calm			Calm Calm
3	C				"	
4	C					
5	M		"			4 AM Light airs.
6	2		LLE	North	"	from NNW backing with pressing clouds
7	2					At Meridian this
8	2		"	"		
9	2				"	Jenn Hatter & Topley still in company
10	2		"	"		all well Empd
11	3					attended to Ends this
12	4		"	"	"	day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LLE½E	40	—	—		8 52	2 W	—	102 35	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thursday 4 day of November 1880
1	4		SSE	South	Bearnto 2EES.	Commencing with Light variable airs with Calms
2	4					
3	4		"	SW	"	fine weather
4	3					
5	2					
6	1					
7	1		"	"	"	Middle part Light
8	1					baffling airs with
9	1		"	"		Calms
10	1				"	Cloudy sky
11	1		"			Calm Calm
12	1					
1	1			"		
2	1		"		"	
3	1					
4	1			"		Latter part fine gradual
5	1					with pressing rain showers
6	1		"		"	
7	2					
8	3			"		
9	4		"			At Meridian Light airs
10	4				"	from NNE with pressing Clouds
11	3		3 57 Miles Sailed 6 days Run	NNE		Hatter & Topley still in
12	2		"		"	Company

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE	40	—	—	8 18	—	—		102 52	

From Bengkok Laim towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 5 day of November 1880
1	3		LLE	NW	Bearnto 2EES	8 PM confirmed in with Light airs with Light pressing Clouds
2	3					Embarked Ltd.
3	3					
4	3					
5	2		"	"	"	
6	2					
7	2		C	C		
8	1		C	C		Middle part Calm
9	1		"	"	"	
10	1					Calm Calm
11	1		M	M		
12						
1	1					Calm
2			"	"	"	
3	1					
4	3					4 AM Light airs from
5	3					East
6	3		05	"	"	
7	3					At Meridian this Journ
8	3					
9	3					Hatter & Topley still in
10	3					Company
11	3		"	"	"	Ends this
12	3					day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE	36	—	—	—	7 1150	1 W	—	103 05	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 6 day of November 1880
1	3		SbyE½E	Baffling Easterly airs	Bearnto 3000	8 PM Commencing Light baffling airs with Light pressing Rain showers
2	3					
3	3					
4	3		"			
5	3					
6	3					
7	3				"	
8	3		"	"		
9	3					Middle part baffling
10	3					
11	3					with Light pressing showers
12	2		"	"	"	
1	3					
2	3					
3	3					
4	3		"	"	"	
5	3					Latter part stronger and
6	3					fine with a small Easterly
7	3					Sea.
8	3		"	"	"	good deal of drift
9	3					passing the ship
10	3					Hatter & Topley still in
11	3					Company
12	3		"	"	"	Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SbyE	60	—	—	—	6 52	1 W	—	103 12	East

From Bengkok Liann towards Portsmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 7 day of November 1880
1	3		Sby E	East	Brands	PM Comd in with Light Easterly
2	3				3000	winds small sea fine weather
3	3					
4	3		"	"	"	
5	3					
6	3					
7	2					Middle part calm with
8	2		"	"		heavy Rain and wind showers
9	2		Variable	Variable	"	with sharp Lightning
10	2					
11	2					filled up all our Empty
12	2					Tanks
1	2				"	
2	2		Calm	Calm		Calm Calm
3	"					
4	"					Latter part Baffling and
5	"				"	Equally with heavy Rain
6	4		L E	L N		
7	5					
8	5			"	"	At 10 A M Moody Head Bearing
9	5		"			Id Berry L N Dist 35 Miles
10	5			L L N		at Meridian Baffling and
11	4					Rainy Id Bere Sby W. Hattie & Lopley
12	3		"		"	Left Pier Company

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	45	—	—	6 10	40	—	—	103 24	East

K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 8 day of November 1880
1	3	L by L	Vath	Brands	
2	3			3000	Commencing with fine N E
3	4		N E		winds small N E sea with passing
4	4	"			squalls
5	4		N E	"	4 PM passed Id Hattie &
6	4				Lopley Thermometer 76°
7	4	"	E S E		
8	4				
9	3				
10	3			"	Middle part baffling
11	3	"	East		with passing squalls.
12	2				1 PM Calm
1	2				
2	1				
3	1	"	"		
4	1			"	4 PM Light airs from
5	1	L by L	E S E		E S E Equally
6	1				
7	2				
8	3	"	"		Latter part steady E N E winds
9	4				small Cloudy Light ~~passing~~ clouds
10	4	"	"	"	at Meridian ~~the Lopley~~
11	4				Hattie & Lopley Steered
12	4				In Company Pier Emas

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
L E by E	70	—	—	—	5-04	—	—	104 12	

From Bengkok Liann towards Portsmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 9 day of November 1880
1	6		L by L	E by N	Brands	
2	6				3000	Commencing with fine E by E
3	5					wind smoke N E swell
4	5		"	"	"	with passing Rain squalls
5	5					
6	5					
7	5		"			
8	4					
9	4		L by E	"	"	
10	6					
11	6					Middle part same weather
12	5					
1	5			N E		
2	5					
3	5		L by E			
4	5					Latter part very baffling
5	5			North		and Rainy
6	5					
7	5			N N W		Hattie & Lopley Steered Company
8	5		South			
9	5			"		at Meridian observed ap
10	5					proximate Made Id Lizman
11	5				"	bearing N by W. Id Harbour bearing N by E
12	5			"		just which I got @ Noon by account

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
L E	120	—	—	2-05	—	—	—	105	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wednesday 10 day of November 1880
1	5		L by E	N N W	Brands	
2	5				3000	PM Commences with fine weather
3	5					winds small N E sea with
4	5		"	"		heavy Rain squalls
5	4					4 PM Maid Steamer
6	4					passed us bound to Singapore
7	4		"	Vath		showed our Numbers
8	4					6 PM got Soundings
9	3					from 40 fathoms Lizman Id
10	3					Dist 25 Miles from which I
11	3		"	"		take departure
12	3					
1	2			"		Middle part Light breezes
2	2		"			fine weather
3	2					
4	2					
5	2		"			
6	2					
7	2		South	Vath		Latter part Light and fine
8	3					at Meridian the same
9	3					
10	3		"	"		Lost Light of Hill Hattie Lopley
11	3					12 days in Company from
12	3		"	"	"	Bang Kok. 20 Leagues this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
L by E	100	—	—	—	1 30	—	—	105	13

From Bonghole Lion towards Portsmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thursday 11 day of November 1880
1	3		South	Calm	Broad	P.M. carried on with Light
2	3				so as	Southerly winds small sea
3	3		S by E	"		fine weather
4	3					
5	3		"	"	"	
6	3					
7	3					
8	3					
9	3		"	"		
10	3					Middle part Light
11	3					and baffling with freezing
12	3		S by E	"		clouds
1	3					
2	3					
3	3		South	"		
4	3					
5	3					Latter part very Light
6	4		SSW	West		baffling with squalls of
7	4					rain and hail
8	4		SW	WSW		
9	4					At Meridian the Lizard
10	4					Lerwick ships bore SW
11	4		SSW	SW		distance 15 miles this day
12	4				"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S by E	8.5	—	—		0°04	—	—	105-25	—

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 12 day of November 1880
1	4		SSW	SW	Broad	This day begins with Light
2	3				so as	winds often Rain showers
3	3					2 PM made the Isle Lunga
4	3		"	"	"	bearing WSW
5	3					
6	3					At 6 PM got Bearing
7	3		"	"	"	NW. Dist 25 Miles from which
8	3					I date a departure
9	3					
10	3		"	WSW		
11	3					Midnight Light NW Rounded
12	3				"	
1	3		"	"		
2	3					
3	3				"	
4	3		"	"		
5	4					At daylight made Toya Head bearing
6	4				"	SW Dist 15 Miles
7	4					
8	4		South	WSW		At Meridian bore NW 20
9	4					Lordoper I bore SE dist 10 Miles
10	4		SSE	SW		Like Ship S WSW
11	3		SE	SSW	"	wind Light and fine
12	3		WNW	"		& ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	65	—	—	—	1.00	—	—	105-10	E

From Bonghole Lion towards Portsmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 13 day of November 1880
1	1		SW	WSW	Broad	This day begins with Light
2	1				so as	airs from SW at 2 PM calm
3			Calm	Calm		
4						14 fathoms Water
5			"	"	"	do Calm Calm
6						
7						
8			"	"	"	14 fathoms Water
9						Midnight Calm
10						
11						
12			"	"	"	14 fathoms Water
1						Latter part Calm
2						
3						
4			"	"	"	14 fathoms water
5						
6						
7						
8			"	"	"	at 10 AM Light airs from
9	2		SW	WSW		WSW
10	2				"	at 11 do Sailed & Lunga
11	3		South			Lunga 2 miles WSW. Lizard 28 miles
12	3					with current 10 miles Thoya Calm

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Various	16				0°50	—	—	106-05	E

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 14 day of November 1880
1	3		Various	Variable	Broad	This day begins with Light WSW
2	3				so as	round small sea fine
3	2		"	"	"	at 4 PM. calmed
4	1		Aneard	Aneard		Aneard in 14 fathoms
5						Water between Lunga & Lizard
6			"	"	"	Lizard 9 & being SE & SW from
7						East of them
8						
9			"	"	"	
10						Midnight Still Calm
11						
12			"	"	"	
1						Thirty Current setting SE
2						Lizard chance to get to Bank
3			4	"	"	Liberty
4						
5						At 5 A.M. Aneard from
6	4		WNW	SW	"	SW. Got sights, Lizg Loaded
7	5					over to the Westward
8	6		SW	WSW		8 A.M. wind NW Looked to
9	8		SW		"	SW.
10	4		South			At 10 A.M. Calm
11	Calm		Calm	Calm		Aneard in 10 fathoms Lunga 2 m.
12			Aneard	Aneard	"	Lizard NW & WbW Dist 12 Miles & Ends

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Bong Kok Laim towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 15 day of November 1880
1	2		Ameud	SW	Reefs	PM Light airs from South
2	2		NW	"	2 cos	got under way at 3 AM
3	2					Colm Aneud in 10 fathm
4			Aneud	Aneud		Water Laya 2d bea Sby W 4 W
5						
6			"	"	"	Thing ESE current 2½ Knots
7						per Log
8						Middle part Colm
9						Still Laying to Anch
10			"	"	"	
11						
12						
1						Midnight Fine and Colm
2			"	"	"	
3						
4						LE Current 2½ Knots
5			"	"	"	
6						6 AM Light airs from W
7	4		SW	NW		got under way
8	3					up the Straits
9	3		"	"	"	At Meridian very
10	3					Light Laya 2d bea N½E Dragoon
11	4					per Log Thing LE current
12	2		"	"	"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					1-13 South	—	—	104	00

K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 16 day of November 1880
2		SW	NW	Reefs	Commencing with fine NW
2				2 cos	winds Small sea fine weather
2					
2		SWbyS	"		At 6 PM got bearing Laya 2d bearing NbyE
3				"	dist 25 Miles from Kohlob I took departure
3					
3					
3		SbyW	NWbyW		
3		South	South	"	
3					Middle part baffling and squally
3					
3		"	NWbyW	"	weather very Threatning
3					Found all night set Eastward
3			South		from noon to 6 7 Fathom
3					
3			NW	"	Thing Southerly Current 2½ Knots
3		"			
4			West		At Cleared up a little Middle
4		SWbyS	"		Fullen Point Light S bore Easy SE
4			NW	"	Hastings Reef Buoy bore ESE
3		SbyE			Latter part Fine with Light airs
3			NWbyW		with Colms Fullen Point Light bore
2		"			NE 9 Miles Saw 2 Barks Steered South one in company
2					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE	60	—	—	—	2 12	—	—	105 05	East

From Bong Kok Laim towards Falmouth Eng

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wednesday day of November 1880
1	2		SE	NW		Breats Commencing with Light
2	2		"		2 cos	SW airs fine and Warm
3	3		SEbyS			
4	3		Various	"	"	4 PM fine breze from
5	4		Courses			North
6	5		for			
7	5		Currents			7 PM Lost sight of Kohlob in
8	5		Steered	"	"	Point Light SW by W distant 20
9	6		SE & E			miles weather fine with full
10	6		"			Moon
11	6		"			At Midnight about 2 Points
12	6		SE	"	"	
1	6					At 2 AM weather squally
2	6		SEbyE			thick and Rainy Light
3	—		Ashboard	NW	"	between 3 and 4 AM passed in
4	—					7 fathom water
5	—		"	"	"	
6	—					At daylight still thick and
7	6		"			Rainy at 7 AM little
8	6					moment to see the Sun
9	6		SbyE	"	"	away ahead down the
10	6					Coast NW and at
11	6					8 Clare Point bore by
12	6		"	"	"	Steering Course for Stanton Rock

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Sathey	60	—	—	—	2 50	—	—	105	52 East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thursday day of November 1880
1	6		SSE	NW	Reefs	Breats PM Comes in with fine NW
2	6		"	"	2 cos	Squalls with Light Rain Split passed
3	6					down Stanton Shoal
4	6		"			At 3 PM Moody 3 Reef Topsl
5	6					on the Starboard hand Light
6	6		SbyE	"	"	be on Trents and Melville
7	5					Ships boys kept a Stark and
8	5					they cast not on the Chart of 1879
9	4					6 PM got bearing of Lyemouth
10	4				"	Dawper Ile from which I took a
11	4					Departure
12	4					Midnight Light Gatherty
1	4					Airs
2	4		SouthbyE	"	"	Lowered all night fine &
3	4					12 fathom
4	4					
5	4					
6	5					At 6 AM Light SW winds Squalls
7	6				"	Lead with Light Rain Lowered 7 to 8
8	6		SbyW			fathoms Latter part to be Bergas Point
9	7					Latter part Rainy
10	7		"		"	
11	7					At Meridian Light
12	6					so Ensas Head bore

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NE	100	—	—	—	4 19	—	—	106 38	East

From Bonny River towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 19 day of November 18
1	3		South	South	Bin 3	Still proceeding down the Coast Lizmatta with a Light Sathaly current
2	3					
3	3		"	"	"	
4	3					
5	3		"	"	"	
6	3		Anchd	Anchored	"	At 6 P.M. Anchd in 7 fathm mount Dugmouth bear SzW.
7						
8			"	"	"	
9						
10						
11			"	"	"	Midnight Calm with @ Strong SE Current
12						
1						
2			"	"	"	
3						
4						
5			"	"	"	At 6 AM got under way with @ Light NNE wind
6	1		South	NNE		
7	4					
8	4		"	"	"	
9	4					At 9 am made the 2 Brothers bearg South
10	4		"	"	"	
11	4					at Meridian bore South
12	4					Dist 8 miles so ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South	47	—	—	—	5-03	—	—	106	06

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 20 day of Nov 1880
1	4		South	NNE	3 on	Commencing with fresh NNE wind & squalls Lee Shore passing Grain Coves
2	4					
3	4		"	"	"	
4	4					
5	3			NE		at 4 P.M. 2 Brothers bear East 2 miles got Chronometer Sights & found my Chronometer 12 miles to the West
6	3		"	East	"	
7	2		SbW	"		
8	2					
9	2					at 8 P.M. 2 Brothers bear South
10	1		Calm	Calm	"	Dist 8 miles, Sounded 14 fathom
11			Anchored	Anchored		at 11 P.M. Calm Ships drifting to the NE can't anchor in 14 fathom Water
12						
1						
2			"	"		
3						
4						4 A.M. Thick and Rainy wind South
5			"	South	"	
6						
7						at daylight Still Thick and Rainy wind South
8	4		South	East	"	
9	4		SbW	"		
10	4		"	ENE		Thang to E current
11	3		"	"		at 9 am Cleared up @ little
12	2		"	"	"	got under way with @ fair Easterly wind

at Meridian veg Light at 2 Brothers bear South Dist 18 Miles so ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South	20	—	—	—	5-35	—	—	106.05	East

From Bonny River towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 21 day of November 1880
1	2		SbW	East	Bin 3 on	Beyond This day begins with Light Easterly winds & dull dead foggy weather
2	2					
3	2		"	"	"	very Dull 3 P.M. Bumboxed Cape along side 20 Miles from Anger. Do Lade on with @ Stark Yams Quit Bonny and Stood at 4 P.M. Calm at 6 do Calm this would not Stem anchored in 20 fathom Water
4	2					
5	2					
6	2		Anchored	Anchored	"	
7						
8			"	"		
9						
10					6	Ld Nichols Point bore S3/4E dist 14 miles
11						Removed do bore SW 1/4 S dist 19 miles
12			"	"		Thursday Id bore SSW 1/4 W dist 21 miles
1						
2					"	Middle part strong SW winds small dead
3						
4			"	"		Sent Bumboxed on shore with
5				SW		Letter to mail also to buy Cocks
6					4	Letters
7						Latter part Still Lowering &
8			"	"		Anchd with @ strong SSW wind
9						small dead Lagoon Expect letters
10					4	to day SE. at Mendacia Point
11						with @ light SSW wind Still
12			"	"	"	at Anchor so ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SbW	20	—	—	—	5-40	—	—	106	00

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 22 day of Nov 1880
1			Anchored	Anchored		
2				SW	3 on	This day begins blowing & thick
3						SW wind head & nothing current
4			"	"	"	Still Laying to Anchor
5						
6						
7			"	"	"	
8						
9						
10						Middle part some wind
11			"	"	"	with passing squalls & wind
12						and Rainy
1						
2			"	"	"	
3						
4						
5			"	"	"	Latter part Still the same weather
6						
7						8 A.M. got under way
8			"	"	"	for Lot but with @ an
9						wind
10						at Mendacia
11				"		Still heaving & working
12						several Lots

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Bong Kok towards Holmouth Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 25 day of November 1880
1			Various	SW		Brot Com mencing with Thong 30 SW and small sea & sqth & Thong NE current hoveing & hold Ld to get out the Strait Lunda
2						
3						
4			"	"		
5						
6						
7			"			
8			Compass	"		8 PM Come to Anch on the Larmata coast in 19 fathms water sqth 2M bore NW 3 Lestys 2M bore Wg N Button 2M bore Leg SW½S.
9						
10						
11			"	"		
12						
1						
2			"	"		Midnight blowing & Thong SW wind
3						
4					"	Spoke the Ship Alice Bush of Belfast Maine from Hong Kong bound to New York 16 days out at Anchor same as boys Sett
5			4	"		
6						
7			"	"		Latter part Still blowing
8						
9					"	Thong SW wind Still blowing
10			4			to anchor watering Jos & Punch
11						
12					"	Thong NE Current & SW wind so to get out the Strait

1302 Miles Sailed 25 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	15	—	—	546	—	—	—	105-54 East	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 24 day of November 1880
1			Anchord	Anchord	3 or 4	
2						
3						Still Lying to Anchor with
4			"	"		a Thong SW wind fine
5					"	weather Thong NE Current
6						
7						
8			"	"		
9						
10					"	Middle part Squally
11			"	"		
12						
1						
2			"	"	"	Latter Leg SW variable airs
3						
4						
5						At 5 AM got under way
6			"	"		
7			LSW	WSW	"	
8						
9			"	East		At Meridian Calm
10					4	Anchored in 27 fathms Mud
11			"	"		Thwartway bore S½W Button 2 miles Lyg
12			Anchord Calm			Thwt 2 M bore SW½W Obrom Rocks Lyg

1213 Miles Sailed 26 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
				Bearing S-SW				105-48 East	Chronometer

From Bong Kok Lions towards Holmouth Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thursday 25 day of November 1880
1			Anchord	Calm	Brot	Still Laying Anchor in 27 fathms
2					3 or 4	water Thong NE current Thwartwd
3						with Ld and Sholes and Reef
4			"	LSW	"	
5						
6						
7			"	"		
8					"	Middle part squally with
9						Rain very dark
10				"		
11			"			
12						
1				"	"	
2						
3			"			
4	3					At 4 AM wind veers Squally
5	3		LSW	South	"	got under way made all
6	3					Sail
7	3			NW		
8	3		"			
9	2				"	At Meridian Lg at Westerly
10	2		"	NNW		a/o Small sea fine weather
11	2					ang'er Lg at Hereu bore ESE Shortway
12	2		"		"	2M bore Lyg ½ S. Lg at a/o from NNW so ends the day

1324 Miles Sailed 27 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LSW	12	—	—	6-6S	—			105-48 East	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 26 day of December 1880
1	2		LSW	West	Brot	Still proceeding out the Straits
2	2				2 or 3	Lunda with a Lg at Westerly wind
3	3		"			heavy SW swell Going right to a
4	3					confluence right 3 Ships 5 Barks
5	3		"		"	all outward bounds
6	4					6 PM fine heavy Squalls
7	4		LSW	LSE		LSE Sprkd Ship to SW.
8	5					
9	5				"	
10	5		"			
11	5		LbyW	"		
12	5					At Midnight Mollé Java Head
1	5		WSW	"	"	Light bearg SW Dist 20 Miles
2	5					
3	5		"			
4	5			"		
5	5		"		"	5 AM hulled Ship to SW
6	5					
7	5		SW	"		Latter part fine SSE winds
8	5		"			heavy SW swell
9	4				"	At 8 AM Primes Pt bore E¾S
10	4		"	"		Java Head bore Eg S. 35 Miles from
11	4					which I take departure at M°
12	3		"	"	"	fine 3 Vessels in company

1463 Miles Sailed 28 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SWbyW	110	—	—	—	6 52 S	—	—	104 20 East	

From Bongkok Liam towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 27 day of November 1880
1	4		LW	SbE	Barr.	Commencing with fine
2	4				29.90	SbE and heavy SbE squall
3	4					with Lgt Rain Lightning Clouds
4	4		"	"		
5	4				"	Took the Gyrhaus in on the
6	4					Forecastle and sent the Chains
7	4					secured everything for Sea
8	4		"	"		
9	4				"	
10	3					Middle part Lgt and
11	3		"	"		baffling with Rain Lightning
12	3					
1	3				"	
2	3					
3	3		LWbW	LbE		
4	4					
5	4					
6	4				"	Latter part Strong
7	4		WbW	South		heavy SbE squalls mixed
8	4				Thing	very baffling
9	4		"			At Meridian this
10	4				"	Same 4 Vessels in Company
11	4		LWbW	LbE		all well so Ends
12	5				"	this day

1530 Miles Sailed 29 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	95	—	—	—	7 33	—	—	103 00 E	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 28 day of November 1880
1	5		LWbW	LbE	Barr.	This day begins with fine LbE
2	5				29.95	winds & Calm and fine
3	5		"	"	"	weather
4	5					4 Vessels in company
5	5					
6	4		"	"	"	
7	4					
8	4					
9	4					
10	3		LW	LbE	"	Middle part very Light
11	3					and baffling Lost sight all
12	2					the Vessels which was in company
1	2					
2	2		"	"	"	
3	2					
4	2					
5	2					
6	2					Latter part Strong
7	2		"	"	"	with Light passing clouds
8	3					
9	3		LWbW	LbE		
10	3				"	Saw good many fish Gunning
11	4		"	"		and the water Ho ships with
12	4					Light Ends this day

1610 Miles Sailed 30 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W by W	80	—	—	—	7 37	—	—	101 40 East	

From Bongkok Liam towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 29 day of November 1880
1	4		LWbW	LbE	Barr.	Boards & M Cgnes in with Light
2	4				29.90	variable Grig small SbE squall
3	4					with Light passing Clouds
4	5		LW	SbE		
5	5				4	
6	5					
7	5					
8	5					
9	4		"	"		
10	3				4	Middle part Light
11	2					airs with Calms
12	1					with passing Rain
1	1		"	"		Showers with Thunder and
2	1					Lightning
3	1				"	
4	2					
5	3					
6	4		"	"		
7	4					Latter part Strong
8	4				4	and Squally with Thunder
9	5					and Lightning
10	5				"	At Meridian this
11	4		"	NW		part all well Pumps
12	4				"	

1680 Miles Sailed 31 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	70	—	—	8 00	—	—	—	100 36	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 30 day of November 1880
1	4		SbW	NW	Barr.	
2	4				30.00	This day begins with Light NW
3	3					winds & small sea with passing
4	2		"	"		Rain Showers how got this
5	1					good
6	1		"	"	"	Saw 1 Sail SbE Shark.
7			Calms	Calms		
8	"					
9	"				"	
10	"		"	"		Middle part Light airs
11	"					with Calms passing rain
12	"					Showers
1	"				"	
2	4		"	"		
3	4					
4	"				20	
5	"		"	"		
6	"					Latter part Light airs
7	2				"	from SE inclining from
8	2		SbW	SE		SE at Meridian the same
9	2					
10	3		"	"	30	
11	3					all well
12	4				"	Pumps attended to

1700 Miles Sailed 32 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Various	20	—	—	—	7 45	—	—	101 10	

From Bonny Kolk Lian towards Johnoreath

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 1 day of December 1880
1	1		LW	LLE	Brds	PM comes in with Light LLE
2	1				3 0 0 s	Airs small 2 Lt 2 ead with
3	1					Light passing Clouds
4	1		"			
5	1				"	Caught 1 Large Shark
6	1					and this Fail'd 33 Leagues
7	1					
8	1		"			
9	1					Middle part very Light
10	1				"	
11	1					and baffling with passing
12	1					Rain 2 Squalls
1	1		"		3 0 0 s	Shp Lightning
2	1					
3	1					
4	1		LWbW	SLE	"	
5	1					
6	2					
7	2					Latter part strong
8	3		"	"	"	LLE winds Lowy Sea
9	4					with Light passing Clouds
10	4					
11	5					At Meridian the Same
12	5		"	"	"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LW	20	—	—		8 12	—	—	100 24 E.	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 2 day of December 1880
1	5		SWbW	LLE	Brds	Commencing with fine
2	5				3 0 0 s	LLE winds small sea
3	5					with Light passing clouds
4	5					
5	5					
6	5		"	"	"	
7	5					
8	5					
9	6					Middle part thunder
10	6					
11	6		"	"	"	with Light Rain 2 Showers
12	6					
1	6					
2	6					
3	6					
4	6				"	
5	6		LW	LEbS		Latter part fine and
6	6					thing with small LE
7	6				"	Sea
8	7		"	"		
9	7					At Meridian the
10	7					Same
11	8				"	all well
12	8		"	"		Pumps attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SWbW	150	—	—		9° 38 S	—	—	98 27 East	

From Bonny Kolk Lian towards Johnoreath Engd

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Frid 3 day of December 1880
1	8		LW	LLE	Brds	This day begins with fresh
2	7				3 0 0 s	LLE winds small sea fine
3	7					weather very warm
4	6		"	"	"	saw good many Sea gulls
5	5					
6	5					
7	6					
8	6		"	"	"	
9	6					
10	6					
11	6					
12	6		"	"	"	Middle part Light
1	6					passing clouds with Showrs
2	6					Lightning
3	6					
4	5		"	"	"	
5	5					
6	5					
7	6					
8	6		"	"	"	Latter part strong and
9	7					steady fine weather
10	7					
11	8					At Meridian the Same
12	8		"	"	"	all well so Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NWbW	150	—	—	11 07	11 11	—	—	96 30 East	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 4 day of December 1880
1	8		LW	LLE	Brds	
2	8				3 0 0 s	PM comes in with thung
3	8					LLE winds small sea
4	8		"	"	"	fine weather
5	8					
6	8					
7	8					
8	8		"	"	"	
9	8					Middle part Light passing
10	8					Squalls all Sail Set
11	8					
12	8		"	"	"	
1	8					
2	8			LEbS		
3	8				"	
4	7		"	"		
5	7					Latter moderate
6	7					small LE sea
7	7		"	LE	"	fine and warm
8	7					Thermr 92°
9	6					
10	6					So Ends this day
11	6		"	"	"	Long Seas still against
12	6					not able to Set sail

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LW	190	—	—	13 12	13 13	—	—	94 00 East	

From Bengkok Laira towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 5th day of December 1880
1	6		SW	SE	Brisk	Commences with strong
2	6				2 pts	SE winds Squally with
3	7					heavy Rain & Squalls
4	7		"	"	"	in the SE
5	7					
6	8					
7	8					
8	8		"	"	"	
9	8					Middle part very Squally
10	8					with heavy rain
11	8					all sail set
12	8					
1	8		"	"	"	
2	8					
3	8					
4	8		"	"	"	
5	8					Latter part steady SE winds
6	8					small sea & fine weather
7	8					
8	8					
9	8		"	"	"	
10	8					At Meridian the same
11	8					Land still sea Sick not able
12	7					to Set up w[illegible] the
						24 hours

2400 Miles Sailed 37 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SWbW	180	—	—	15-13	15-07	3°W	—	91 30	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 6 day of December 1880
1	7		SW	SE	Brisk	
2	7				2 pts	Commencing with strong
3	7					SE winds & small SE sea
4	8					with Light passing clouds
5	8		"	"	"	
6	8					
7	8					
8	8					
9	9		"	"	"	Middle part strong
10	9					and squally
11	9					
12	9					
1	9		"	"	"	
2	9					
3	9					
4	8		SWbW	SSE		Latter part hazy with
5	8					a fresh breeze
6	8					
7	8		"	"	"	
8	8					At Meridian the same
9	7					
10	7		"	"	"	Land & still sea Sick
11	7					not able to set up.
12	7					So ends this day

2580 Miles Sailed 38 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	180	—	—	17 11	17.9	4°W	—	89 35	East

From Bengkok Laira towards Falmouth Eng.d

K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 7 day of December 1880
7		SWbW	SSE	Brisk	This day begins with strong
7				2 pts	SE winds small sea & fine
7					weather
8		"	SE	"	Saw 1 ship bound
8					North
8		"	ESE	"	Found not to sea Leak
8					keeping she is getting better
8			SE		
8		"		"	Middle part strong
8			SSE		and baffling small sea
8					
8		"		"	
8			South		Latter part squally
8					with Light rain
7		"	SSE	"	
7					At 0 AM strong Squalls
7					Rain & Lightning Split
7		"			Main Royal Yard & Lost
7					repairs at Meridian
7					fine all sail set

2700 Miles Sailed 39 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W	180	—	—	17-11	17 10	5°W	—	87 00	East

K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wednesday 8 day of December 1880
8		SWbW	SSE	Brisk	
8				2 pts	Commencing strong and squally
8					3 PM set all Lights Stay Sail
8		"			bent Main Royal set &
8			"	"	
8		"			
7					Middle part fine and
7					steady
7		"	"	"	
7					Found a little Current
7					of her sea Reckons
7		"	"		
7				"	
7					Latter part still
7		4			fine and steady
7					
7		SWbW	SE	30 10	At Meridian the same
6					
6		"	"		Carpenter employed working
6				"	Head Sail Booms and other
6					Spare Spars for use
6					So ends this day
6		"	"		

2960 Miles Sailed 40 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W	180	—	—	21-05	21 06	6°W	—	84 40	E

From Bang Kok Liam towards Tolmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thursday 9 day of December 1880
1	6		Wg Ldt	LE	Brt	P M Comes in with fine
2	6				2010	LE winds 2 mall sea fine
3	6					weather all sail set
4	6					
5	6		"	"		
6	6					
7	6				"	Saw a Little Letter of
8	6					her Lea Sickness
9	6		"	"		
10	6					Middle part dense
11	6				"	weather with light
12	6					passing clouds
1	6					
2	6		"	"		
3	6					
4	6				"	
5	6		"	"		
6	6					Latter part Squally
7	6			LE	"	Thunder with Thick Drizzly part
8	6					Clouds
9	6		"	"		Employed Lengthening up
10	6				3015	Top Mast Studding Sail Gear
11	6					Port Sail as Then
12	6		"	"	"	Carpenter Employed making
						new Buoy J J. Gordt

3120 Miles Sailed 41 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N2W	160	—	—	22 11	22 4	6 W	—	81 40	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 10 day of December 1880
1	6		Wg Ldt	LE	Brt	
2	6				3016	Commencing with thick
3	6					LE winds Heavy D W squalls
4	6					with thick Jerking Clouds
5	8		"	"	"	4 P M Island Roug Mr S.W.
6	8					Used Sounding & Got
7	8					@ 40 fm Sand
8	8					
9	8					
10	8		"	"	"	Middle part Thick
11	8					LE winds Heavy D W squalls
12	8					
1	8					Saw a Sick
2	8					not gaining Ground
3	8		"	"	"	
4	8					
5	8					Latter part Fine E & E
6	8					winds Smart D W Sea
7	7		"	E & E	"	fine weather
8	7					
9	7					Crew employed in various
10	7			"	"	jobs Carpenter Employed
11	7		"			Making Mr S J Mast
12	7					& Ends this day

3300 Miles Sailed 42 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N8W	180	—	—	23 11	23 04	9 W	—	78 40	East

From Bang Kok Liam towards Tolmouth Engd

K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 11 day of December 1880
7		Wg Ldt	ESE	Brt	This day begins fine E & E winds
7				3015	2 mall sea fine weather
7					all sail set
7					
7					
7		"	"	"	
7					
6					Middle part moderate
6				"	and fine
6		"	"		
6				"	
6					
6		Wg Ldt	"		
6				3020	Latter part fine moderate
6					breeze
6		"			In with Sea
6			"	"	
6					At Meridian the same
6					
6		"	"	"	Saw a Sail gaining
6					& Ends this day

3630 Miles Sailed 43 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	150	—	—	23 58	23 57	9 W	—		

K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 12 day of December 1880
6		Wg Ldt	ESE	Brt	
6				3020	Commencing with moderate
6					ESE winds small sea fine
6		- "	"	"	weather
6					
6			LE		
7		"	"	"	
7					
7					Middle part stronger
7		"			with thick Jerking Clouds
7			"	"	Misty Showers
7					
7					
7			"	"	
7					
7					Latter part stronger with
7		"	LLE		a small sea
7				"	thick Jerking Clouds
8			"		
8		"			At Meridian the same
8					Saw a Sail & Little
8				"	Sea Sick
8			"		& Ends this day

3630 Miles Sailed 43 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	180	—	—	24 56	24 55	10 W	—	73 30	East

From Hong Kong towards Falmouth

Monday 13 day of December 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks,
1	8		Wby S	S S E	Records	P.M. comes in with
2	8				3020	fine S S E winds small
3	8					sea with light passing
4	8					Clouds
5	7		"	"	"	Carpenter Employed mending
6	7					Spar S M & Records.
7	7					
8	7					
9	7		"	"	"	Middle part moderate
10	7					and baffling with light
11	6			S E		passing Clouds
12	6					
1	6			E by E		
2	6		"		"	
3	6					
4	6			E by S	30 25	
5	6					
6	5		"			
7	5		West	East	"	Latter part wind East
8	5					fine with a small S S E
9	5					sea At Meridian the
10	5		"	"	"	same
11	5					Crew employed Still Sealing.
12	6		"	"	"	So Ends this day

3783 Miles Sailed 45 days Out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W 4 3/4 S	155	——	——	25 40	25 53	12° W	——	70 30 East	

Tuesday 14 day of December 1880

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks,
1	5		W by N	East	Records	
2	5				30 25	Commencing with moderate
3	5					Easterly winds small S R sea
4	5					with Light passing clouds
5	5					
6	5		"	"	"	
7	5					
8	5			E S E		Middle part very Light
9	5		"			and baffling with Thick
10	4			East	"	passing Clouds
11	4					
12	4		"	"		
1	4					
2	4				"	
3	4			E by S		
4	4					
5	4		"			Latter part Strong
6	4			E S E	"	and baffling
7	4					
8	4		"			At Meridian the same
9	4			S E	"	
10	4					Crew employed in various Jobs
11	5					Sealing still Good Quantity
12	5		"	"	"	manage to mend her Stakings

3893 Miles Sailed 46 days Out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W 4 S	110	——	——	26 00	26 00	12° W	——	68 30 East	

From Hong Kong towards Falmouth

Wednesday 15 day of December 1880

K.	½ K.	Courses.	Winds.	Leeway.	Remarks,
5		W by S	S E	Records	This day begins with
5				30 25	fine S E winds small sea
5					fine weather all sail set
6					
6		"	"	"	
6					
6					
6					Middle part strong and
6				30 20	fine
6		"	E by E		
7				"	
7					
7		"	"		
7					Latter part still the
7				"	same weather
7		"	"		
7				30 35	So to this End
7					Lots Sickness & little
7		"	"	"	Cattle
7					all the rest well
7					So Ends this day

4060 Miles Sailed 47 days Out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W by S	165	——	——	26 00	26 00	14° W	——	65 30 East	

Thursday 16 day of December 1880

K.	½ K.	Courses.	Winds.	Leeway.	Remarks,
7		W by S	E S E	Records	During these 24 hours
7				30 35	fine Easterly winds small
7					sea fine and Warm
7		"	"	"	
7					
7					
7		"	"	"	Middle part same
7					
7					Noon pulled at 7 A.M.
7		"	"	"	Splendid weather high & low
7					so must it be
7					
7		"	"	"	
7					Latter part same weather
6					
6		"	"	"	So to this End
6					
6					Lots still gaining
6		"	East		from her Leads Knees
6				"	So Ends this day

4230 Miles Sailed 48 days Out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W by S	165	——	——	26 13	26 08	15° W	——	62 30 East	

From Bongkok towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 17 day of December 1880
1	6		Wby N	East	Brands	This day begins with fine
2	6				2035	Eathy winds small sea
3	6					fine weather very warm
4	6					
5	5		"	"	"	
6	5					
7	5					
8	5					
9	5		"	"	"	8 PM Moon Total Eclipse
10	5					Ended at 10 PM.
11	5					
12	5					
1	5					
2	5		"	"	"	Middling fine with
3	5					a head EbE sea
4	5					
5	5					
6	5		"	"	"	
7	5					
8	6					Latter part Changes
9	6					with a EbE sea
10	6		"	"	"	at Meridian the same
11	6					Loud & still Leaden
12	6					& Ends this day

4350 Miles Sailed 49 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WbN	120	—	—	26-20	26 15	16°W	—	60 20	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 18 day of December 1880
1	6		WbN	East	Brands	
2	6				2080	8 PM Comer in with fine
3	6					Eathy winds small sea
4	6		"	"	"	fair Light passing Clouds
5	6					
6	6					
7	6					
8	6		"	"	"	
9	6					
10	6					
11	6					
12	5					Middle part Light passing
1	5		"	"	"	rain showers
2	5					
3	5					
4	5					
5	5		"	"	"	
6	5					
7	5					
8	6					Latter part fine and
9	6					Steady Eathy wind
10	6		"	"	"	
11	6					at Meridian the same
12	5		"	"	"	Loud & still Leadsick.
						Stretch on her back. & Ends this day

4510 Miles Sailed 50 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WbS	160	—	—	26 45	26 37	15°W	—	57 35	East

From Bongkok Siam towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 19 day of December 1880
1	6					
2	5					
3	5					
4	5					
5	6		West	East	Brands	During these first
6	6				2020	part fine & calms
7	6					& all ESE sea with
8	6					Light passing Squalls
9	6					
10	6		"	"	"	
11	6					
12	6					
1	6					
2	6					
3	6					
4	6		"	"	"	Middle part fine Eathy
5	6					winds
6	6					
7	6					Latter part same
8	6		"	"	"	weather as the
9	6					end
10	6					Loud & still Leadsick
11	6					& Ends this
12	6		"	"	"	day

4645 Miles Sailed 51 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WbN½N	135	—	—	27 10	27 10	16°W	—	55 40	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 20 day of December 1880
1	6		West	East	Brands	This day begins with fine
2	6				2030	Eathy winds small sea
3	6					with light passing Clouds
4	6		"		"	
5	6			ESE		Carpenter employed fitting out the
6	6					Long Room
7	6					
8	6		"	"	"	
9	6					Middle part same wind
10	6					with thick passing clouds
11	6					Barometer fell 1/10
12	6		"	"	"	
1	6					
2	6			East	20 25	
3	6					
4	6					
5	6		"		"	
6	6					Latter part wind E by N
7	6			E by S	2020	fine breeze small sea
8	6		"			
9	6					with thick passing clouds
10	6					Squalls steady
11	6		West	ENE	"	Loud & still Leadsick
12	6					on the Sofa & Ends this
1	6					day
2	6		"	"		

4785 Miles Sailed 52 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	140	—	—	27 50	27 55	21°W	—	53 10	East

From Bang Kok. Siam towards Tolanorth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 21 day of December 1880
1	6		Wby N	East	Broke	This day begins with fine
2	6				30 20	Easterly winds small sea
3	6					with Light passing clouds
4	6		"	"		
5	6					
6	6			E by N		
7	6				"	
8	6					
9	6		"			Middle part baffling
10	5					
11	5			E by E	30 15	with passing misty showers
12	5					
1	5		"			
2	5					
3	5				"	Latter part steady E by E
4	5		"	"		winds small sea
5	6					fine weather
6	6				"	very Warm thermometer 90°
7	6					at Meridian the same
8	5				30 18	
9	5		"	"		Loud still Seasick
10	5				"	rest still
11	5		"	"		be winds this day
12	5					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Obs.
Wby N	130	—	—	28 15	28 20	22° W	—	50° 40	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wednesday 22 day of December 1880
1	5		W by N	ENE	Broke	
2	5				30 20	Commencing with Light
3	4					ENE winds Small NE sea with
4	4					Light passing clouds
5	4		"	"	"	
6	4					Carpenter employed in various
7	4					jobs.
8	4		"	East		
9	5					Middle part Light
10	5					Easterly winds small sea
11	5					with passing rain showers
12	5		"	"	"	
1	5					
2	5					
3	5		"	"	"	
4	5					
5	5					Latter part stronger and
6	5		"			baffling small NE sea
7	6					with Light passing
8	6		West	E by S	"	clouds
9	6					at Meridian the same
10	6		"	"		
11	6					Loud still Seasick. Chester
12	6				"	on the Sofa watching the covers of
			"			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Obs.
W by N	120	—	—	28 50	28 47	22° W	—	48 30	East

From Bang Kok. Siam towards Tolanorth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 23 day of December 1880
	6		W by N	E by E	Broke	This day begins with fine
	6				30 18	Easterly winds small sea
	6					fine and warm
	6		"	"	"	Thermometer 86°
	6					
	6					
	6		"	"	"	
	6					
	6					
	6					Middle part moderate
	6		"	"	"	cloudy & Hy
	6					
	6		West	E by E		
	6					
	6		"	"	"	
	6					
	6					Latter part fine and
	6		West	"	"	warm with steady E by E
	6					wind
	6					at Meridian the same
	6		"	"	"	
	6					Loud little Cotter & her
	6					Seasickness mingle to Ingrid
	6		"	"	"	one of my assigned Ships

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Obs.
W by N ½ N	135	—	—	29 30	29 35	24° W	—	46° 02	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 24 day of December 1880
1	6		W by N	E by E	Broke	This day begins with fine E by S
2	6				30 18	winds small sea fine weather
3	6					four several small Black
4	6					Birds round the Ship
5	6					
6	6		"	"	"	
7	6					
8	6					
9	6			E by S	"	
10	6					Middle part baffling
11	6					and Equally
12	6			East		
1	6		"		"	
2	6					
3	6			E by S		
4	6					
5	6		"			
6	6			E by E	"	
7	6					Latter part fine and
8	6		"	"	30 20	steady at Meridian the
9	5			L E		same.
10	6				"	Loud still quarrelsome
11	6					from her Seasickness
12	6		"	"	"	so ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Obs.
W by N ½ N	140	29	—	29 36	29 53	25° W	—	43 16	East

From Bergen Norway towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 25 day of December 1880
1	6		Wby S	ESE	Broad	This day begins with fine
2	6				30 20	ESE wind small sea fine
3	6					weather very warm
4	6					
5	6		"	"		
6	6				"	4 PM pass good deal
7	6					Whale food also several
8	6			"		Flocks Black Birds
9	6		"			
10	6			East	"	Middle part befling
11	6					with thick passing showers
12	6		"			
1	6					
2	6			ENE	"	
3	6					
4	6		"			
5	6			"	30 18	Latter part Light breez NE wind
6	7					Small sea fine weather
7	7		"			
8	7		Wby N½N	NE	"	At Meridian the Same
9	7					gave the Crew Holenday Lead
10	8					Off for Dinner
11	8		"	"	"	Lead letting on the Lofer Mens
12	8					her Clothes &c &c Change

Co	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
	150	—	—	30 30	30 30	26°W	—	40 40	East

K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 26 day of December 1880
8		WbyN½N	NE	6 Broad	
8				30 18	Commencing with fresh
8					NE winds & fine Cool sea fine
8		"	"		weather
7				"	
7					Caught on Bonito Fish about
7					4 lbs Weight
7		"	"		
7					Middle part Light Airs
6			NNE	"	
6		"			and baffling
6				30 10	
5			"		
5		"			
5				"	
5					Latter part Light Baffling
5			North		Airs Strong NE Sea
4					Cool weather very Fine
4		"		"	Thermometer 70°
4					
4			"		
3		"		"	1 Bark in Company
3					bound West
3					Found Still gaining
3		"	"	"	a little by Engs this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
S	130	—	—	30 05 3	30 07	26°W	—	38 36	East

From Bergen Norway towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 27 day of December 1880
1	3		Wby S	North	Broad	2 AM comes in with Leg &
2	3			Calm	30 10	variable airs with calms Lower
3	3			Loath.		D W Lead at 3 PM Leg & Gibs
4	4				"	from South Latter ship's Wby S
5	4		"			
6	5				30 5	6 PM Thick and Rainy
7	5		"	"	"	7 do Squally Lowered All
8	5					Light Sails & do Lowered Y Gaff
9	5				30 00	Mainsail
10	5		"		"	
11	5					
12	5			LbW	29 80	Midnight Strong and baffling
1	5		"			Heavy Lead with passing Squalls
2	5			LbW	"	
3	5					
4	5		NW	WbW	29 85	4 do Reef W Top Sail
5	5					
6	5					Latter part strong WbW
7	5		"	"	29 80	winds Heavy Sea fine
8	5					weather Mizen Top Sail Reef
9	5		"	"	"	At Meridian the Same
10	5					Ship in Company bound
11	5					West Long Dist off Lizard
12	5		"	"		Head light by day 30 Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	100	—	—	30 85	30 47	26°W	—	36 50	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 28 day of December 1880
1	5		NW	WbW	Broad	
2	5				29 40	2 PM comes in blowing a strong
3	4					WbW gale whole Top Sails Reef
4	4				"	at 3 PM still Increasing
5	3		"	"		with Squalls Reef W Top Sails
6	3					Saw 2 Legs of Cronbars round the Ship
7	3				"	4 PM still Increasing
8	3		"	"		with a Heavy head Sea Reef
9	3					upper Top Sail Jib Lowered
10	3				30 00	Spanker.
11	3					
12	3					Midnight strong and dirty
1	3		"	"	"	Squalls Still Heavy
2	3					Sea
3	3				30 10	
4	3					at 4 AM Moderated Set Reef
5	3		NbW	LW		W. T. Sails
6	3				"	6 do Set Reef M. Sail
7	3		"	"		
8	3				30 15	Latter part still fine set
9	3		NbW	LbW		whole Top Sails
10	3					At Meridian heavy
11	4		"	"	"	Westerly Sea not able to set Sails
12	4					Sails for Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	72	—	—	30 18	30 22	26°W	—	35 40	East

From Bong Kok Linn towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 29 day of Decemb 18 6
1	4		Wby N	SSW	Bends	Commencing with heavy PP
2	4				30 15	wind with pressing squalls
3	4		"			heavy head seas
4	4			South	"	
5	4			"		at 4 PM Joined with
6	5		"	"	30 20	2 smooths sea sat T.G. sails
7	5			SSE		6 do still fine sat all
8	6					Light sails
9	6			"	"	
10	6		"			Middle part baffling
11	6			SE		and moderate all sail sat
12	6			"	"	
1	6		"			
2	6			ESE	30 15	
3	6			"		
4	6					Latter part fine VE wind
5	6		"	East	"	smooth sea fine weather
6	6					
7	6			"	"	at Meridian the same
8	6		"	ESE		
9	7			4	30 10	Loud still a little
10	7					sea sick.
11	7			SE		so ends this day
12	8		"		"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
24	120	——	——	31 00	30 55	28° W	——	33 35	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 30 day of Decemb 1860
1	8		WbN	SE	Bends	
2	8				30 10	This day begins with strong
3	7					SE winds strong squally with
4	6		"			fine weather
5	8			South	"	5 do very baffling
6						
7	4		West	WbN		Lost Life Boy overboard
8	4		"		30 00	
9	4		WbW	WbN	"	Middle part still baffling
10	4		SW	NbW		and squally 10 PM hauled
11	4		South			all Light sails 11 do T.G. sail
12	4		SbE	SW		
1	3		WbN		"	at Midnight wind SW blowing
2	3					a strong gale were ship to PM
3	2		"	"	30 10	Reef W.S. Sail Mainsail
4	2					4 dg still increasing
5	2					with a frightful sea furled a 5
6	2		"		"	Mainsail
7	3		West	South		
8	3				30 15	7 PM sea little smooth sat
9	3		"	"		Reef W.S. Sail Mainsail
10	3					at Meridian strong southerly
11	3		"	"	"	gale heavy sea with thick
12	3					passing clouds

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Varies	100	——	——	31 27	31 32	28° W		31 52	East

From Bong Kok Linn towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 31 day of Decemb 18 60
1	3		West	South	Bends	8 PM Came in with strong southerly
2	3				30 20	winds heavy sea with thick passing
3	3		"	"		clouds 3 PM sat whole Top sail
4	3					Mainsail 4 do sea still smoother
5	4				"	sat T.G. sails
6	4					
7	5					
8	5		"	"		Middle part wind squally
9	5					with sharp lightning and thunder
10	5				"	in the W.W.
11	5		"			
12	5			4		Midnight steady southerly
1	5					wind with light clouds
2	5		"		4	
3	5					sat all light sails
4	5			"		
5	5		"			
6	5				"	
7	5			SbE		Latter part fine SE winds
8	6		"			small sea fine weather
9	6			"	"	at Meridian the same
10	7			SE		
11	7		"			Loud a little sea sick. rest
12	7			"	"	well so ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
7hr WbN	120	——	——	32 35	32 37	22° W	——	29 40	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 1 day of January 1861
1	7		WbS	SE	Bends	Commencing with fine
2	7				30 20	SE wind small SW sea
3	7					with light passing clouds
4	7				"	all sail sat
5	7					
6	7		"	"	30 10	
7	7					
8	7			ESE		
9	7				"	Middle part baffling
10	7					with passing rain squalls
11	7		"	Eby S		
12	7				"	
1	7					
2	6				"	
3	6					Latter part steady early
4	6		"			wind smooth sea
5	6			East	"	with thin haze great
6	6					clouds
7	6			WbN		at Meridian the same
8	6				"	"
9	6		"			Loud still a little sea sick.
10	6				30 15	
11	6					so ends this day
12	6		"	"	"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
7hr WbN	130	——	——	33 50	33 57	22° W	—	27 20	East

From Bonglkoll Liam towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Lunday 2 day of January 1881
1	4		Wbyt	East	Barom	Barom 29.90 PM comes in with Light Easterly
2	4			ESE	3010	airs small 2h squll
3	4			South		4 PM befalling with
4	4		WNW	SW	1	Light rain showers
5	4				"	
6	4		NW	WSW		
7	4					
8	4		WNW	SW	"	Midnight very light and befalling
9	3		WbyN	South		
10	3					1 AM Calm.
11	3		"			
12	2			"	"	so until 3 AM Light
1	1		"			airs from SW.
2	1			SSE		
3	1				"	Sounded 22 100 fathom no Bottom
4	1		"			
5	1			SE		Latter part Light Easterly
6	2					winds Leeway Waters cutdell
7	3		"		"	with Light passing Clouds.
8	3			ESE		
9	3					At Meridian the Same
10	4		"		"	5 Ships in Light bound West
11	4			East		so Ends this day
12	4		"		"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
WbyN	100	—	—	—	34 50	22 W	—	25-20	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 3 day of January 1881
1	4		SWbyW	East	Barom	Barom This day begins with Light Easterly
2	4		ENE		3005	airs fine and Hot fresh thick Haze
3	4					@ Noon SW Current 2½ Knots per
4	4		"	"		hour hailed ship up to NWbyN.
5	5				"	In company with 4 Barks
6	5		"	"	3000	
7	5					
8	4					
9	3		"	"	"	2 PM Calm
10	1		Calm	Calm		
11	1					
12	1		"	"	29 90	Midnight Calm
1	1					
2	1					
3	1				"	
4	3		"	"		
5	3				29 95	4 AM Light airs from SW
6	3		WbyN	SW		
7	3					
8	3				"	Latter part Light Easterly
9	3					SW airs small Rain Thick and
10	3		"	"		Hot Therm 85°.
11	3					At Meridian the Same
12	3		"	"	"	Sound very well again
						so Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by
West	90	—	—	35-00	35-00	2 00 W	—	23 40	East

From Bonglkoll Liam towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 4 day of January 1881
1	3		NbyW	WbyN	Barom	Barom This day begins with Light SW
2	1				29 90	airs small Rain with Light passing
3	1		"			clouds 3 PM Changes from SWbyW
4	3		NbyW	West		
5	3				"	6 PM spoke French Bark from
6	3					Mogadore 24 bound to Hull 2 Ships.
7	3		"	"		
8	2					
9	2				"	Middle part Calm or variable
10	1		"	"		11 PM Light airs from West
11	1					got on Aguilas Bank 76 fathom
12	1					water very light and smooth
1	2		SbyW	WbyN		
2	3				"	
3	4					
4	5		"	"	29 95	
5	6					At daylight Thick Westerly
6	6		"		"	winds small Rain soundings 68
7	6					fathoms at 7 AM made the
8	6		SW	NbyW		Land Western part Noble Bay at
9	6					8 AM spoke H.M. Ship
10	6		"	"		English Brig bound to Falmouth
11	6					for Orders at 11 got Soundings
12	6					50 fathoms Sand & Shells so Ends

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	90	—	—	34 26	34 26	2 8 W	—	22 56	00

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wednesday 5 day of January 1881
1	6		SSW	WbyW	Barom	Barom 29 90 PM commencing fine weather
2	6		SbyW	West	29 95	1 PM got a little Squall from NW
3	6					was obliged to shorten sail down to
4	6		"	"	"	Reef Topsail Mainsail
5	6					3 do moderated set Whole Sail
6	6		"			Mainsail 4 do Sail Inverted
7	6		SSW	West		set Top G. Sail 3 Vessels in
8	6					company.
9	5		SW	WbyW	"	
10	5					
11	5		SWbyW	WbyW		Middle part befalling with
12	5					thick passing Clouds sharp
1	5				30 00	befalling for the Northward upon
2	5		WbyN	WbyW		Lighting all the time to the Northward
3	5				"	
4	5		West	WbyW		4 AM fine NbyE wind set all
5	5		WbyN	North		Light Sails
6	5		WbyW	NbyE	"	
7	5					Latter part Light NbyE
8	5		"	"		wind small Rain fine SW.
9	4				"	fine weather all Sail
10	4		"	"		set at Meridian the Same
11	4					Sound all over with Sea
12	4		"	"	"	Weed Sea Weeds so Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	100	—	—	34 58	35 00	2 0 W	—	22-00	East

From Berg Kolk towards Falmouth Engd

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thursday 6 day of January 18
1	1		WNW	Variable	Broads	This day Log'd with Log'd SW winds
2	1			Fresh	2 2 8	heavy SW head seas and rough
3	2		SW	Gentle		Spoke the Ship Champion
4	4			to		from Calcutta bound to Europe all well
5	6		SSW	SW	"	35 Miles in Longitude
6	6		Sdly.			6 PM wind change to SW
7	5		SSE	SW		Larked ship to WSW
8	5		WSW		"	
9	4			"		
10	4		West			Middle part very Light
11	3		WSW		"	and baffling heavy head
12	3		SWbyW			Ship nothing now progress
1	3			"		to the Westward
2	3		"		"	
3	2					
4	2			"		
5	2		"		"	at daylight made the land
6	2			"		Lizard Coast abreast
7	2		WNW			wind very Light and
8	3				"	baffling 8 Vessels in company
9	3		West	"		
10	3		NNW			at Meridian Light
11	3		NW	WSW	"	Westerly airs heavy SW
12	3					Sea Land Chopee

66 92 Miles Sailed 69 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Various	40	—	—		34 50			21 20	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 7 day of January 18
1	3		Various	Light	Broads	
2	3			Variable	3000	Hard Hard Hard Close
3	4					to get round Cape Lagullas
4	5		"			nothing but Light Westerly winds
5	5			"	"	with Calms Employed head
6	5					from NNW but not able to
7	4				3000	steer with 2 Knots breeze
8	3					have given up all hopes of
9	2					getting to Europe only have
10	1		"	4		a Hard 70 days our Provisions
11	1		SbyW		"	shall have on Rice and Flour
12	1					for that time Expired 70 days
1	1					we are 70 days out from
2	1					Berg Kolk not yet to Cape of
3	1				"	Good Hope hoping when I
4	1		"	"		get a chance I shall make up
5	1					for Lost time
6	1				"	
7	1		Calm	Calm		at Meridian Light
8						SW airs heavy sea
9	2		WbyS	SW	"	fine weather
10	2					7 Vessels in company
11	2		"	"		do ends the day
12	2					

66 72 Miles Sailed 70 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Various	30	—	—		34 43	29°		21 00	

From Berg Kolk Lizard towards Falmouth Engd

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 8 day of January 18 81
1	3		WbyS	SbyW	Broads	Commenced with
2	3				2 2 8	SW winds heavy NW sea
3	3					with Light passing clouds
4	4		"	"		
5	4					
6	4					6 PM wind NW Larked ship
7	3		South	NbW	"	to South
8	3		"			Good many Vessels in
9	3		SSE	SW		Company
10	2					
11	2		South	WbW	"	Middle part Light and baffling
12	1					with thick passing clouds
1	1					
2	1				2000	
3	1		"	West		
4	1					
5	2					Latter part baffling Westerly
6	2		SW	WNW	"	winds
7	3					Small head seas
8	4					weather
9	8		"	"	"	at Meridian this am
10	6		"			6 Vessels in Company
11	6					do ends this day
12	6				"	

67 82 Miles Sailed 71 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	60	—	—	35 33	35 32	28°W	—	20 50	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 9 day of January 1881
1	6		SW	WNW	Broads	6 PM comes in with Thick baffling
2	6		NW	WbW	3000	winds heavy sea with Thick passing
3	6					clouds at 11 PM shift wind to WSW
4	6				"	Larked ship to NW headed Light sails
5	6		"			and stayed
6	6					several Vessels in company
7	6		SSW	West	30 05	
8	6					at 8 PM Larked ship to SSW
9	5		"	"		
10	5				"	
11	4					at Midnight Larked ship to NW
12	4		SW	WbW	3010	weather very squally with heavy
1	4					sea headed SW ship
2	4		"	"		
3	4				"	
4	4					at 4 AM fires sat SW sailed
5	5		"	"	3015	6 do still fires sat all sail
6	6					
7	6				"	
8	7		"	"		at Meridian baffling SW
9	7				3020	winds heavy sea with Light
10	7					passing Clouds 6 Vessels in Com
11	7		"	"	"	all well Carried
12	7					Attended to do Ends this day

68 83 Miles Sailed 72 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
West	100	—	—	35 15	35 28	28°W	—	19 35	East

From Bonny River towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 10 day of January 18
1	7		NW	SW	Boats	Commencing with fine 2 P.M.
2	7				30 15	wind & small sea fine weather
3	7		"			all sail set
4	7					5 Vessels in company
5	6					
6	6		NbW ½ W	South		
7	6					
8	6			SbE	30 15	
9	6					
10	6		"			
11	6					
12	6			SE		Middle part thick with thick looking clouds
1	6					
2	6		NbW ½ W	"	"	
3	6					
4	7					
5	8		"	ESE	30 05	
6	8					
7	8					Latter part More Moderate
8	8			"		with @ small SE sea
9	7		"			fine and Raion
10	6				"	the Lunar 80°
11	5			"		A Meridian Sun's
12	4		"			all sail set ½ past and Lower Studding Sail

Course. NbW — Distance. 120 — Diff. of Lat. — — Departure. — — Lat. by D. R. 34 40 — Lat. by Ob. 34 40 — Variation. 28° W — Diff. of Lon. — — Lon. in. 16 50 — Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 11 day of January 18
1	3		NW	West	Boats	6 P.M. comes in with very Light
2	3				30 05	airs from West
3	4					At 2 P.M. strong and fine
4	6		"	"		smooth sea all sail set
5	7					
6	7				"	
7	7					
8	7		"	"	"	
9	6					
10	6					Middle part more moderate
11	6				"	with thick passing clouds
12	6		"	"		
1	6				30 10	
2	6					
3	6					
4	6		"			
5	5				"	Latter part Light &
6	5		NbW	NNW		baffling & smooth
7	5					cloudy 1 Sky
8	4					
9	4		NNE	NW	"	At Meridian the Same
10	4					1 Bark in company
11	4		"	"	"	
12	4					all well to Noon this day

Course. NW — Distance. 145 — Diff. of Lat. — — Departure. — — Lat. by D. R. 32 50 — Lat. by Ob. 33 00 — Variation. 29° W — Diff. of Lon. — — Lon. in. 14 40 East — Lon. by Ob.

From Bonny River towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wednesday 12 day of January 1881
1	4		North	NbW	Boats	Begins with fine Weather
2	4				30 20	winds smooth sea with light
3	4		NW	West		Misty Fog showers
4	4					2 Barks in company
5	4		"	"	"	
6	5					
7	5					
8	5		"	"	"	
9	5					Middle part Stronger and
10	5					baffling with Thick passing
11	5			SW	"	Clouds
12	5		"	"		
1	6				30 15	
2	6			SbW		
3	6		"	"		
4	6				"	
5	6			South		Latter part fine weather
6	6		"	"		winds small sea
7	7				30 20	with Light passing
8	7			SbE		Clouds
9	7		"			at Meridian the
10	7				"	Same 1 Ship in Company
11	7			"		all well
12	7		"			Pumps Cleared

Course. NW — Distance. 150 — Diff. of Lat. — — Departure. — — Lat. by D. R. 31 40 — Lat. by Ob. 31 31 — Variation. 28° W — Diff. of Lon. — — Lon. in. 13 10 East — Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thursday 13 day of January 1881
1	7		NW	ESE	Boats	
2	7				30 20	This day begins with fine
3	7					SSE winds small sea fine
4	7		"	"	"	weather
5	7					all sail set
6	7					passed 3 Vessels bound South
7	7		"	"	"	
8	7					
9	7					
10	7					Middle part more baffling
11	6		"	"	"	
12	6					
1	6					
2	6					
3	6		"	"	"	
4	6					Latter part Light & baffling
5	5					winds small sea fine
6	5					weather Spoke English
7	5		"	"	"	Ship showing 29 nobs 20 Days
8	5					from Calcutta bound to Liverpool
9	5					55 days out distant 40 Miles in
10	5					Longitude
11	5		"	"	"	at Meridian fine Southerly
12	5					winds small sea to Noon

Course. NW ½ W — Distance. 140 — Diff. of Lat. — — Departure. — — Lat. by D. R. 30 06 — Lat. by Ob. No Sun 27½ — Variation. — — Diff. of Lon. — — Lon. in. 10 30 East — Lon. by Ob.

From Bergen Norway towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 14 day of January 1881
1	6		WNW	South	Broads 3045	Commencing with fine Southerly winds & small sea with light passing clouds all said Day
2	6					
3	6					
4	6		"	"	"	
5	6					
6	6					Employed rolling down Rigging nothing else for Painting Ship
7	6		"	"	"	
8	6					
9	6					
10	6					
11	6					
12	6		"	"	"	
1	6					Middle part very cloudy
2	6					
3	6					English Ship left in Company
4	6		"	"	"	
5	6					
6	6					Latter part cloudy with
7	6		"	LLE	"	a fine LLE wind
8	6					
9	6					at Meridian the same
10	6					
11	6		"	"	"	all well
12	6					Pumps attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NWbyN	144	—	—	28 40	28 26	27°W	—	8 20	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 15 day of January 1881
1	5		WNW	LLE	Broads 3045	This day begins with fine LLE winds smooth Sea fine weather very warm Thermo 74° in the Cabin 2 Wells in Company
2	5					
3	5					
4	5					
5	5		"	"	"	
6	5					
7	5					
8	5					
9	5					
10	5					Middle part light the same weather
11	5					
12	5					
1	5					
2	5					
3	5					
4	5					
5	5					Latter part fine LLE
6	5					winds fine weather
7	5		"	"	3020	suppose to be the Trade winds
8	5					
9	5					
10	5				"	1 Bark in company
11	5					bound S.W. a
12	5		"	"	"	All well
						do Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NWbyW	120	—	—	26 57	27-05	26°W	—	7.30	East

From Bergen Norway towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 16 day of January 1881
1	5		NNW	LLE	Broads 3020	Commencing with fine
2	5					LLE winds & Smooth Sea fine
3	5					And warm Thermo 76°.
4	5					1 Bark in Company bound S.W.
5	5		"	"	"	
6	5					
7	5					
8	5					
9	5		"	"	"	Middle part same weather
10	5					
11	5					
12	5					
1	5					
2	5					
3	5					
4	5					
5	5		"	"	"	Latter part stronger with
6	5					thick Jersey Clouds
7	5					
8	5					at Meridian the same
9	5		"	"	"	1 Ship & Bark in Company
10	5					
11	5					all well Pumps attended
12	5		"	"	"	do Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NWbyW	120	—	—	25 30		26°W	—	5° 45'	East

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 17 day of January 1881
1	5		NNW	LLW	Broads 3020	P.M. Comes in with fine
2	5					LLE winds smooth Sea
3	5					with thick Jersey Clouds
4	5		"	"	"	with Light Misty Showers
5	5					
6	6					
7	6					Crew employed Painting
8	6		"	"	"	Ship Inside
9	6					
10	6					
11	6					
12	6					Middle part fine and
1	6					Clear
2	6					
3	6		"	"	"	
4	6					
5	6					
6	6					Latter part Steady LLE
7	6		"	"	"	wind Small Sea Cloudy
8	6					sky
9	6					At Meridian the
10	6		"	"	"	same
11	6					2 Barks in Company
12	6					do Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NWbyW	132	—	—	24 20	24 46	26°W	—	4.00	East

From Bongkok Linn towards Falmouth Engd

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 18 day of January 1881
1	5		NbW	LE	Broad	This day begins with fine
2	5				3020	LE winds small sea and
3	5					thick passing clouds
4	5					
5	5					3 Vessels in company
6	5		"	"	"	
7	5					
8	6					
9	6					
10	6					Middle part fine and
11	6		"	"	3015	Steady with light
12	6					passing clouds
1	6					
2	6					
3	6					
4	6		"	"	"	Latter part Steady
5	6					fine and moon
6	6					
7	6					Crew employed
8	6		"	"	"	Painting Ship
9	6					
10	6					and other jobs
11	6					all well
12	6					Ends this day

8100 Miles Sailed 81 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	132	—	—	23 20	23 20	26° W	—	2 20	East

From Bongkok Linn towards Falmouth Engd

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thursday 20 day of January 1881
1	6					
2	6					
3	6					
4	6					
5	6					
6	6		"	"	"	Loosed all night & day
7	6					got over her Larboard anchor
8	6					
9	6					
10	6					Middle part strong &
11	6		"	"	"	equally with Squalls
12	6					
1	7					
2	7					
3	7					
4	7		"	"	"	Latter part fine L.E.
5	7					winds small sea fine
6	7					weather
7	7					At Meridian the Same
8	7		"	"	"	1 Ship 2 Barks in Company
9	7					
10	7					
11	7					Crew employed Painting Ship
12	7		"	"	"	and other Jobs all well
						Employed attended

83 90 Miles Sailed 83 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	140	—	—	20 00	20 00	25° W	1-10	West	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wednesday 19 day of January 1881
1	6		NbW	LE	Broad	
2	6				3015	Commencing with fine LE
3	6					winds small NbW sea fine
4	6				"	and warm all sail set
5	6		"	"		4 Barks in company
6	6				3040	
7	6					Loosed got Cable Larboard anchor
8	6					
9	6		"		"	Middle part Stronger
10	6					with Thick passing Clouds
11	6			"	2012	light spits Rain
12	6					
1	6		"			
2	6			LE	"	
3	6					
4	6			"		Latter part Strong and
5	6				3015	fine
6	6		"			wind E.E. with Thin
7	7		E.E.			Transparent Clouds
8	7				"	
9	7		"			At Meridian the Same
10	7					Crew employed Painting
11	7			"		Ship all well
12	7		"		"	

82 50 Miles Sailed 82 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	150	—	—	2 37	2 37	24° W	—	3 0	29 East

From Bongkok Linn towards Falmouth Engd

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 21 day of January 1881
1	6					
2	6		NbW	LE	Broad	
3	6				3015	Commencing with fine
4	6					LE winds small sea fine
5	5					weather
6	5		"	"	"	
7	5					
8	5					
9	5		"	"	"	Middle part moderate
10	5					with Leg & passing Rain
11	5					showers
12	5					
1	5					
2	5		"	"	"	Spoke Ship Bark from
3	5					Norryton bound to Cadiz
4	5					36 M.N.E. 36 days out 3 Ships
5	5					in Sight bound
6	5					Latter part fine LE
7	5		"	"	"	winds small sea with
8	5					passing Rain showers
9	5					
10	5					At Meridian fine and
11	5		"	"	"	weary Thermo 80 in
12	5					the Cabin
						Ends this day

8520 Miles Sailed 84 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	130	—	—	1836	1840	22° W	—	2 30	West

From Bonghole Lion towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 22 day of January 1881
1	5		NbyW½W	LLE	Beard P.M. Cooks in with fine	
2	5				2018 LE Trade winds small	
3	5				Sea fine and hot Thermo	
4	5				80°. in the Cabin	
5	5		"	"	" Crew employed Painting	
6	5				Ship and other Jobs	
7	5					
8	6					
9	6		"	"	"	
10	6					
11	6				Middle part passing	
12	6				Rain showers	
1	6		"	"	"	
2	6					
3	6					
4	6				Latter part fine with	
5	6		"	"	" steady LE wind all	
6	6				Sail	
7	6				3 Ships one Bark in	
8	6		"		Company	
9	6			"	"	
10	6				all well	
11	6				Pumps attended	
12	6		"	"	" 8 Ends this day	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	135	—	—	17 03	17-09	22½W	—	4 05	West

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 23 day of January 1881
1	6		NbyW½W	LLE	Beard Commencing with fine	
2	6				3012 LE & winds small sea fine	
3	6				weather all sail set	
4	6					
5	6		"	"	" 10 Vessels in Company	
6	6					
7	6					
8	6					
9	6		"	"	" Middle part fine and	
10	5				steady	
11	5					
12	5				Found my Compass out	
1	5		"	"	" from the Log 1st 42 Miles	
2	5				got great Sights Lat & good Alt	
3	5					
4	5				At Daylight Made the 2d	
5	5				St Helena bearing NW Dist 25 Miles	
6	5		"	"	" hauled this up by S.W. & W.	
7	5				at 8 do hauled round South End St	
8	5				Helena Dist 4 Miles sailed into Jamestown	
9	5				to show Sig Gals	
10	5		"	"	" at 10 PM James Fort Ships	
11	6				Light bore South Dist 3 Miles found	
12	6				my Chronometer 6 Miles ast from	

8790 Miles Sailed 86 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	135	—	—	—	15 47	23°W	—	6 00	West

From Bonghole Lion towards Falmouth

K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 24 day of January 1881
6		NbyW	LLE	Beard	
6				3012	This day begins with fine LE
6					winds & small sea fine and warm
6		"	"	"	Thermo 80°. 10 Vessels in
5					Company bound to the NW.
4					
4					at 7 PM Lost sight of Helena
4		"	"	"	bearing LLE Dist 40 Miles Lyon
4					which I took a departure
4					
4					
4					Middle part light LE
4		"	"	"	winds cloudy Hzy
4					
4					
5					5 Vessels in Company
5		"	"	"	Latter part moderate winds
5					with light passing Showers
5					small Sea
5					
6		"	"	"	at Meridian the same
6					all well
6					Pumps attended to

8910 Miles Sailed 87 days out

Mgts by Log 15 Miles S.E. Made

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.	Ob.
NW	120	—	—	14 33	14 46	22W	—	7 20	West	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 25 day of January 1881
1	6		NW	LLE	Beard At commencing with Light	
2	6				3012 variable airs small sea	
3	6				fine and warm Thermo 80°	
4	6		"	"	" 6 Vessels in company bound	
5	4				with	
6	4					
7	4					
8	3		"	"	"	
9	3					
10	3				Middle part very Light	
11	3				fine & Hazy	
12	3		"	"	"	
1	3					
2	3					
3	3					
4	4					
5	4		"	"	" Latter part stronger	
6	4				with thin transparent	
7	4				clouds At Meridian the same	
8	4					
9	4		"	"	"	
10	5				Crew employed Painting	
11	5				2 Coats all over	
12	5		"	"	" 2 Ends this day	

88 / 9080 / 102
88 / 230 / 176 / 54 / 88 / 27 / 147 Run of Log this day

9030 Miles Sailed 88 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.	Ob.
NW	120	—	—	13 40	14 05	22°W	—	8 20	West	

From Bang Kok Lem towards Falmouth

H.	K	½ K.	Courses.	Winds.	Leeway.	Remarks, Wednesday 26 day of January 1881
1	5		NNW	LLE	Barom 30.12	Commencing with Leg & LE airs fine & smooth Thermo 80 of in the Cabin
2	5					
3	5					
4	5		"	"	"	
5	4					
6	4					
7	4					
8	4					
9	4		"	"	"	
10	4					
11	4					Middle part Stronger with thick Jazing Clouds some drops of Rain
12	4					
1	5					
2	5		"	"	"	
3	5					
4	5					
5	5					
6	5					Latter part Fine with & Steady LLE wind
7	5		"	"	4	
8	5					& Meridian the Same
9	5					Vessels in Company
10	5					bound North
11	5		"	"	"	& Ends this day
12	5					

9180 Miles Sailed 91 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	100	—	—	12 56	~~13 40~~	21° W	—	9. 28 Mar	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thursday 27 day of January 1881
1	5		NNW	LLE	30.12	During these 24 hours Light LE airs small rain and fine and Hot
2	5					
3	4					
4	4		"	"	"	
5	4					
6	4					
7	3					
8	3		"	"	"	
9	3					
10	3					
11	3					
12	3					
1	3		"	"	"	
2	3					
3	3					
4	3					
5	3					
6	3		"	"	"	5 Vessels in company bound North
7	3					
8	4					
9	4					
10	4		"	"	"	& Ends this day & moderate Light wind
11	4					
12	4					

9210 Miles Sailed 92 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	80	—	—	1.2 14	12 00	21° W	—	10 40 Mar	

From Bang Kok towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 28 day of January 1881
1	4		NNW	LLE	Barom 30.10	This day begins with Leg & LE airs small rain fine and warm Thermo 82 at
2	4					
3	3					
4	3					
5	3		"	"	"	
6	3					
7	3					
8	3					
9	2		"	"	"	Middle part Same weather
10	2					
11	2					
12	2					
1	2		"	"	"	
2	3					3 Vessels in Company
3	3					
4	3					
5	3					Latter part Stronger with & Smooth Seas
6	3		"	"	"	
7	4					
8	4					at Meridian the Same
9	4					
10	4		"	"	"	Crew employed Painting Ship and other Jobs
11	5					& Ends this day
12	5					

92 82 Miles Sailed 91 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	72	—	—	11-02	11-17	21° W	—	11-30 Wed	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 29 day of January 1881
1	5		NNW	LLE	Barometer 30.10	Commencing with Leg & LE winds & small rain fine weather very warm Thermometer 82° in the Cabin
2	5					
3	5					
4	5		"	"	"	
5	4					
6	4					
7	4					
8	4		"	"	"	
9	4					
10	4					
11	4					Middle part Same weather
12	4		"	"	"	
1	4					
2	4					
3	4					3 Vessels Still in Company 1 Ship 2 Barks
4	4					
5	4					
6	4		"	"	4	Latter part Fine and warm with & Steady breeze
7	4					
8	4		NNW			at Meridian the Barks
9	4		"	"	"	
10	4					Crew employed in various jobs and such Painting the Cabin over Head & Ends
11	5					
12	5					

93 83 Miles Sailed 92 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	000	—	—	10 05	10 45	20° W	—	12 20 Thu	

From Bergen Norway towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 30 day of January 18
1	4		by W½W	LLE	Bearings Commencing with fine	
2	4				30 12 LE winds small sea	
3	4				fine and warm	
4	4				Thermo 82° in the Cabin	
5	5		"	"	"	
6	5					
7	5					
8	5					
9	5		"	"	"	
10	6				Middle part Strong	
11	6				with Thick passing	
12	6				Clouds	
1	6		"	"	"	
2	6					
3	6					
4	6					
5	6		"	"	"	Latter part Steady LLE
6	6				winds Smooth Sea	
7	6				fine weather	
8	6				3 Barks 1 Brig in company	
9	6					
10	6		"	"	"	Lord has got the Lord thanks
11	6				very badly I have wanted to work	
12	6				often apt but she will not trust	

95-03 Miles Sailed 93 Miles Sailed

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NWbN	120	—	—	8 44	8 30	20°W.	—	14 00 W	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 31 day of January 1881
1	5		by WbW	LLE	Bearings	
2	5				30 12	Comes in with fine
3	5					LLE winds small sea
4	5		"	"	"	fine weather
5	5					Employed Painting Cabin
6	5					and Decks
7	6					At 2 P M made the Dutch Steamer
8	6		"	"	"	Henry W W Distance 7 Miles
9	6					at 4 P M. bore
10	6					NW Dist 20 Miles Got good
11	7		"	"	"	sights found my Chronometer
12	7					6 Miles 6 per West
1	7					
2	7					At 8 P M. Ile bore West Dist
3	7		"	"	"	10 Miles from which I take a
4	7					departure
5	7					
6	6					Midnight Strong with
7	6		"	"	"	thick passing Squalls
8	6					
9	6					Latter part Fine
10	6					and Steady
11	6		"	"	"	
12	6					At Meridian the Same
						Land last seen bore

96 47 Miles Sailed 94 Miles Sailed

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NWbN	144	—	—	6 50	6 45	20°W	—	15 20 West	

From Bergen Norway towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 1 day of February 1881
1	6		by W½W	LLE	Bearings	This day begins with fine
2	6				30 12	LE Light winds small sea
3	6					fine weather 2 Barks in
4	6		"	"	"	Company
5	6					
6	6					
7	6					
8	6		"	"	"	Middle part Same
9	6					weather
10	6					
11	6					
12	6		"	"	"	At Noon Hilda had Loved She
1	6					would have been 2 Years old
2	6					6 days 4 Months 6 days since Made
3	6					Latter part fine breezes
4	6					Small sea with Light
5	6		"	"	"	passing Clouds
6	6					
7	7					At Meridian the Same
8	7					
9	7					Lewis down sick. at
10	7		"	"	"	8 Eurolgio all over hope of
11	7					Lopez the will be Well
12	7					

94 37 Miles Sailed 95 Miles Sailed

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NWbN	100	—	—	5 00	5 04	19°W	—	16 45	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 2 day of February 1881
1	7		by W½W	LLE	Bearings	Commencing with fine
2	7				30 12	Steady LE winds smooth sea
3	6					fine and warm Thermo
4	6					82° in the Cabin
5	5		"	"	"	
6	5					Employed Painting Cabin
7	5					over Head in Side
8	5					
9	5					
10	5		"	"	"	Middle part Light Airs
11	5					and Baffling with passing
12	5					Clouds
1	5					
2	5					Heard not much better of
3	5		"	"	"	her Troubles
4	5					
5	5					Latter part fine and Steady
6	5					LLE winds Nothing new
7	5					progress before the Wind
8	5		"	"	"	
9	5					At 8 A M Spoke English Barque
10	5					Ye Course of Liverpool Loaded
11	5		"	"	"	Mouldmeir bound to Plimouth
12	5					Sailed Oct 23rd 1880. 20 Days

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WbN	130	—	—	3 36	3 40	18°W	—	18 20 West	

From Bonny River towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 2 day of February 188
1	5					
2	5					
3	6					
4	6					
5	6		"	"	"	
6	6					
7	6					
8	6		"	"	"	
9	6					
10	6					
11	6					
12	6		"	"	"	
1	6					
2	6					
3	5					
4	5					
5	5		"	"	"	
6	5					
7	5					
8	5					
9	5		"	"	"	
10	5					
11	5					
12	5					

10 47 Miles Sailed Log Dogs out

This day begins during there 24 hours Light LE Trades small sea with Light passing clouds very disengaging getting up to the Leeks

2 Barks in company

finish the 22d coat over the Cabin

Middle part same

Laura a little better to day

Latter part very light

At Meridian the same as Enas this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NWbW	120	—	—	2 20	2 22	18°W	19.40	West	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 4 day of February 1881
1	6					
2	5					
3	5					
4	5					
5	4					
6	4		"	"	"	
7	4					
8	4					
9	4					
10	4					
11	4		"	"	"	
12	4					
1	4					
2	4					
3	4		"	"	2010	
4	4					
5	4					
6	4					
7	4					
8	5		"	"	"	
9	5					
10	5					
11	5		"	"	3005	
12	5					

98 Days out

101 57 Miles Sailed

This day begins with Light LE Trades small sea from North Pole and warm Thermometer 82° in the Cabin

Middle part same weather

Latter part little Thunder at Meridian the same

Crew employed oiling the Decks and also Jobs

Enas this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NWbW	110	—	—	1 03	1 20	18°W	21 05	West	

From Ben Reet towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 5 day of February 1881
1	6					
2	6					
3	4					
4	5					
5	4					
6	4		"	"	"	
7	4					
8	4					
9	3					
10	3					
11	3					
12	3		"	"	"	
1	3					
2	3					
3	2					
4	2		"	"	"	
5	2					
6	2					
7	2					
8	2					
9	3		"	"	"	
10	3					
11	3					
12	3					

103 29 Miles Sailed Log Dogs out

Commencing with Light LE winds & small WE Sea with fine weather very Warm Thermometer 84° on the Cabin

1 Bark 2 Brigs in Company

Found very well again

Middle part Light variable airs with Thick passing Clouds

Latter part same weather employed bending New Mains T.G. Sail repairing the old one Caught One Bonito Weighed 8 lbs 1 Dolphin Weight 3 lbs

Enas this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NWbN	72	—	—	0 30	0 23	17°W	—	21 50 W	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 6 day of February 1881
1	3					
2	4					
3	5					
4	6					
5	6		"	"	"	
6	6					
7	6					
8	6					
9	6		"	"	"	
10	6					
11	6					
12	6					
1	6					
2	6					
3	6					
4	6					
5	6		"	"	"	
6	6					
7	6					
8	6					
9	6					
10	7		"	"	"	
11	7					
12	7					

Kg W LLE ENE

103 49 Miles Sailed Log Dogs out

This day begins with Light LLE airs Set 1 P.M. wind change to ENE fresh with Light rain showers all wet day

Middle part very squally with rain all wet day

Latter part fresh ENE winds small sea with Rain Caught 1000 gallons Water

At Meridian fresh with thick raining Clouds

Enas this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	120	—	—	1 03 N	1 10 N	17		23 20	

From Bonny River towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 7 day of February 1881
1	6		SbE	ENE		Bent Commencing with fine
2	6					3 oor NE winds small sea fine
3	6					weather
4	6		"	"	"	
5	6					at 6 PM Long Light S Ilaca Bank
6	6					which had been In company 24 days
7	6		"	East		Middle part Lenty weather
8	6				"	with a baffling wind
9	6					
10	5		"			
11	5					
12	4			ESE		
1	4				"	
2	4		"			
3	4					Latter part Steady SE wind
4	4				"	small NE sea with
5	4			SE		Light misty showers
6	4		"			at
7	5					
8	5			"	"	Meridian the Same
9	5		"			Crew employed
10	5					repairing Sails
11	5			"	"	and other Jobs
12	5		"			so Ends that day

10 469 Miles Sailed 101 days Out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	120	—	—	2-48 N	2.48	16° W	—	24 40	West

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 8 day of February 1881
1	5		NbE½E	SE		Bent P.M. comd in with fine SE
2	5					3 oor winds small SE sea with Light
3	5					passing clouds
4	5		"	"	"	
5	6					
6	5					
7	4		"	"	"	
8	4					
9	3					
0	3					Middle part very Light and
1	2		"	Variables	"	baffling with heavy Rain Sharp
2	2					lightning heavy Thunder
1	2					Caught 1400 Gallons Water
2	2					
3	2		"	"	"	
4	2					
5	2					At day light Light airs from
6	2		"	"		SE just the very same
7	2				"	
8	3		NbW	East		at 7 AM fine with Moderate
9	4					SE wind saw 1 Ship & Brig
10	4		NbWbW	SE		outward bound 1 Bark bound
11	4				"	South at Meridian fine
12	4		"	"		SE wind small sea fine weather

10539 Miles Sailed 102 days Out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	70	—	—	4 00		16° W	—	25 10	West

From Bonny towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wednesday 9 day of February 1881
1	6		NbW½W	SE		Bent P.M. comd in with fine
2	6					3 oor SE winds small sea fine
3	5					weather all sail set
4	6		"	"	"	Thermometer 86° in the Cabin
5	6					Spoke 1 English Bark Glamorgan of
6	6					Liverpool from Rio bound to Cape
7	6					Town 20 days out
8	6					Spoke Dutch Bark B.D.J.R. from
9	6		"	"	"	Montevideo bound to Batavia
10	6					saw 3 more Vessels bound
11	6					South which made 9 Vessels
12	6					in 24 hours
1	6		"	"	"	
2	6					Midnight fine SE wind
3	6					fine weather
4	6					
5	6					Crew employed shortening Sail
6	6		"	"	"	Main T Gallt repairing Sails
7	6					
8	6					Latter part fine SE wind
9	6					small sea fine and warm
10	6		"	"	"	at Meridian the Same
11	6					all well
12	6					Pumps attended to Ends

10683 Miles Sailed 103 days Out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW½W	114	—	—	6.05	5-40	15° W	—	26 13	West

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 10 day of February 18
1	6		NbW½W	SE		Barometer
2	6					3 oor This day begins with fine SE
3	6					wind & small sea Fine and
4	6					Warm Thermometer 86 in the
5	5			"	"	Cabin
6	4		NbW			
7	4					
8	4		NbyW	NbE		
9	4					
10	4			"	"	
11	4		"			Middle part baffling
12	4					with thick passing Clouds
1	4					
2	4		"	"	"	
3	4					
4	4					
5	4		"			
6	4			"	"	
7	4					Latter part Same weather
8	4		"			so to the End
9	4			"		
10	4				"	Crew employed repairing
11	4					Sails and other Jobs
12	4		"	"	"	so Ends this day

10798 Miles Sailed 104 days Out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW½W	115	—	—	6 56	6 50	15° W	—	27 00	West

From Bankok Siam towards Falmouth Engd

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 11 day of Febry 1881
1	4		NW	WbS	Beareto	P. M. Carbes in with fine
2	4				3000	WbS. wind small sea fine
3	4					and warm Thermo 84
4	4		NbW	westly	"	
5	4					
6	4		EbE	"		At 6 P.M. wind westly
7	4				"	Latd 6 EbE.
8	4		"			
9	4			"		
10	4		"			
11	4		EbN	NbE	"	
12	4		EbS	WbE		Midnight wind SE
1	4		NbW	NbE		Latd 6 NW.
2	4					
3	4				"	
4	5		"	"		
5	5			140		
6	5			60		Latter part fine WbS
7	5			157	"	wind smooth sea
8	6		"	135		fine weather
9	6			150	"	Bark in company hand work
10	6			170		at Mandolin ~~the~~ Dams.
11	6		"	162	"	Crew employed repairg
12	6			945		Sails and other jobs
						to ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	100	—	—	7 22	7 30	15°W	—	28 50	Mkd

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 12 day of February 1881
1	6		NbyW	NbyW	Beareto	
2	6				2000	Commencing with fine WbS
3	6					winds small sea fine weather
4	6		"	"	"	very Warm Thermo 84
5	4					
6	4					
7	3					
8	3					
9	2		"	"	"	Middle part very
10	2					Light and baffling
11	2					
12	2					
1	2					
2	2					
3	2		"	"	"	
4	2					Latter part Still the
5	2					Same weather at Mandolin
6	2					the Same.
7	2					
8	3		"	"	"	
9	3					
10	3					Employed hend on S. F. Sail
11	3					also Top Gall sail which had
12	3					been repairing
						& ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W	70	—	—	8 10	8 20	14°W	—	2000	Mkd

From Bankok towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 13 day of February 1881
1	3		NbyW	WbS	Beareto	This day begins with light
2	3			Baffling	2000	SE airs small sea fine weather
3	3					getting cooler 82°
4	3					
5	4		"	"	"	
6	4					
7	5					
8	6		NW	"		
9	6					Middle part Stringes with
10	6				"	Light & freshg squalls
11	7					
12	7		"	"		
1	7					
2	7				"	
3	7		NbyW	NbyE		
4	7				"	Latter part still same
5	7					weather
6	7		"	"		
7	7				"	
8	7					At Mandolin ~~the~~ same
9	8		"	"		
10	8					all well
11	8					Pumps attended
12	8		"	"	"	& ends ~~this~~ day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbyW	150	—	—	10 00	10 13	15°W	—	31 40	Mkd

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 14 day of February 1881
1	8		NbyW	NE		PM Carbes in with showy
2	8			Baffling	Beareto	NE winds small sea fine
3	8				3000	weather getting much cooler
4	8		"			
5	7					
6	7					
7	7					
8	5		"	"	"	
9	5					
10	5					Middle part baffling
11	5					
12	5					
1	6					
2	5		"	"	"	
3	6					
4	6					
5	6					Latter part some weather
6	6					
7	6		"	"	"	at Mandolin ~~the~~ Same
8	6					
9	7					Lon. by Ob. Fenelon Biggeon
10	7					Fleetcours Lond
11	7					& ends this day
12	7		"	"	"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Mkd	150	—	—	12 13	13 12	14°W	—	32 50	W

From Bongkok Lions towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 15 day of February 1881
1	7		NNW	NE	Braced	P.M. Comes on with 2hong
2	7				2010	NE winds small sea
3	7					weather
4	7					all sail set
5	7		"	"		
6	7				"	Crew employed repairing
7	7					sails and other jobs
8	7					
9	7		"	"		
10	7				"	
11	7					
12	7					Middle part same
1	7					weather
2	7		"	"	2805	
3	7					
4	7					
5	7					
6	7				"	Latter part stiff 2hong
7	7		"	"		and fine
8	7					
9	7				3010	
10	7					At Meridian the same
11	7		"	"		all well
12	7				"	Pumps attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N	168	—	—	14 40	14 40	14°W	—	34 20 W	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wednesday 16 day of February 1881
1	7		NNW	NE	Braced	
2	7				2010	Commencing with 2hong NE
3	7					Trades winds small sea fine weather
4	7					all sail set
5	7		"	"	"	Crew employed bending spare
6	7					Foresail &c to repair the old one
7	7					also Inner Jib
8	7					
9	7					
10	7					
11	7		"	"	"	Middle part Same weather
12	7					
1	7					
2	7					
3	7					
4	7		"	"	"	
5	7					
6	7					Latter part fine NE winds
7	7					smooth sea fine weather
8	7					
9	7					At Meridian the Same
10	7		"	"	"	
11	7					all well
12	7					Pumps attended 8 Ends

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	168	—	—	17 10	17 23	14°W	—	35 50	W East

From Bongkok towards Falmouth Eng.d

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thursday 17 day of February 1881
1	7		NNW	NE	Braced	This day begins with 2hong
2	7				2010	NE winds small sea fine weather
3	7					Crew employed repairing sails
4	7		"	"	"	bending spare Job and other jobs
5	6					
6	6					
7	6					
8	6		"	"	"	
9	6					
10	6					Middle part befling
11	6					with Light Variables
12	6					
1	6		"	"	"	
2	6					
3	6					
4	6					
5	6					Latter part 2hongs and
6	6					Light fine weather
7	6					down 1 Bark bound West
8	6					
9	6					
10	6		"	"	"	At Meridian the same
11	6					10 Ends this day
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NNW	150	—	—	19 40	19.30	14°W	—	36 45 W	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 18 day of February 1881
1	7		NbW	NbE	Braced	
2	7				3010	Commencing with 2hong ESE
3	7					winds small sea fine
4	7					weather all sail set
5	7		"	"		
6	7				"	Loosed reef sail again
7	7					
8	7					
9	7					Middle part squally and
10	8		NbW	"	"	befling with Lightning in the
11	8					SE.
12	9					
1	9		Calm	ESE		
2	9				"	
3	9					
4	9		NbE	EbN		
5	9					Latter part 2hong and
6	9				3015	Squally
7	9		"	"		
8	9					At Meridian the same
9	8				"	Crew employed repairing
10	8		"	"		sails to receive the New Foresail
11	8					to Main T.G. Sail & Ends
12	8					this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	180	—	—	22 07	22 [illegible]	14°W	—	37 40 W	

From Bonghole towards Falmouth Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 19 day of February 1881
1	7					
2	7		NbE	NE	Brought	
3	7				30 15	Commencing with strong
4	6					NE wind small head sea
5	6		"	"	"	with Light passing Rain showers
6	6					good deal of Gulf weed around
7	6					this Ship
8	6					
9	6		"	"	"	
10	6					
11	6					
12	6		"	"	"	Middle part fine
1	6					weather but Steady
2	6					breeze
3	6					
4	6					
5	6		"	"	"	
6	6					
7	6					
8	6		NbW	"	"	Latter part Same weather
9	7					at Meridian this Same
10	7					
11	7		"	"	"	all well Pumps attended
12	7					to Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WbN	150	—	—	24 15	24-7	14°W	—	38 13	West

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 20 day of February 1881
1	7					
2	7		NbW	ENE	30 15	
3	6					This day begins with fine
4	6		"		"	ENE winds small sea fine
5	6					weather Steered W½N in
6	6		NbW	"		this Cabin
7	6				30 20	Good deal Gulf weed
8	6					around the Ship
9	6					
10	7		"			
11	7					
12	7			"	"	
1	7		"			Middle part Strong
2	7					and fine all said last
3	7		NbW			
4	7					
5	7			"	30 25	
6	7					
7	7		"			
8	7					
9	7					Latter part Same weather
10	7				"	to the End.
11	8		"	"		all well
12	8					Pumps attended to Ends

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WbN	160	—	—	26 40	26 35	15°W	—	39 20	

From Bonghole Lion towards Falmouth Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 21 day of February 1881
1	8					
2	8		NbW	ENE	Brought	Comes in with strong
3	8				30 25	breezes heavy NE Sea with
4	8					Light passing Clouds
5	7		"	"	"	all Sail set
6	7					
7	7					
8	6					
9	6					
10	6		"	"	"	Middle part moderate
11	6					with Light rain showers
12	6					
1	5					
2	5		"	"	30 30	
3	5					
4	5					Both ships employed
5	5					
6	5				"	Latter part Light and
7	5		"	"		baffling
8	5					
9	5					at Meridian this Same
10	5					
11	5				"	Crew employed repairing
12	5		"	"		Sails and other Jobs

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	140	—	—	28 20	28 27	16°W	—	40 30	West

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 22 day of February 1881
1	5					
2	5		NbW	ESE	Brought	
3	5			Variable	30 30	Commencing with fine
4	5			from		ESE winds small sea fine
5	5			SE		weather all sail set
6	5		"			employed bending new
7	5			SE		LM Top Sail & Stays the
8	5				"	
9	5					
10	5			"		
11	5					
12	5				"	Middle part Moderate
1	4					baffling from SE to SE
2	4			"		
3	3					
4	3					
5	3					
6	3				"	
7	3		NbE			Latter part Still the
8	3					
9	3				30 35	Same to the End
10	3		"	"		
11	3					to Ends this day
12	3				"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	90	—	—	30 00	30 00	20W	—	41-13	West

From Bengkok Siam towards Falmouth Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wednesday 23 day of February 1881
1	3		NE	East	Barom	Begins with Light baffling
2	3			to	30 30	and small rain weather
3	3			E E		very slow progress to the northward
4	3		"	Variable		
5	3					
6	3					
7	3					
8	3		"	"	"	
9	2					
10	2					
11	2					Middle part Light airs
12	2					with Calms
1	2					
2	2		"	"	"	
3	1					
4	1					
5	1					
6	1					
7	1		"	"	"	Latter part Same weather as to
8	1					the End
9	1					Carpenter employed
10	1					Holystoning the Decks
11	1					and other Jobs
12	1		"	"	"	It ends this day

125-30 Miles Latitude 1 1/2 Deg. Ost

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NNW.	50	—	—	30 40	30 41	20W	—	41 10	Mer.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs. 24 day of February 1881
1			Calm	Calm	Barom	
2					30 30	Commencing with Calms
3						small rain Squalls and
4						fine weather
5						
6						
7			"	"	"	
8						
9						
10	1					
11	1					Is until Midnight
12	1					Light Variable airs
1	2		NE	Fine	"	
2	2			E		
3	2			by		
4	2			N ~~W~~		
5	2		"			
6	2				"	Latter part Light
7	2					
8	2					and baffling
9	2					
10	2		"		"	
11	2					At Noon this day
12	3					Ends this day

125-70 Miles Latitude 1 1/2 Deg Ost

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E	40	—	—	31-22	—	20W	—	41-00	

From Bengkok Siam towards Falmouth Engd

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wednesday 25 day of February 1881
1	3		NE	LW	Barom	This day begins with Light
2	3				30 30	LW winds small rain Cloudy
3	3					Sky.
4	3					Low Brig bound East
5	3		"	"	"	
6	3					
7	3					
8	4					
9	4					Middle part baffling
10	4		"	"	"	and cloudy
11	4					All sail Set.
12	5					
1	5					
2	5		"	"	"	
3	5					
4	5					Low Bank bound North
5	5					
6	5				30 20	Latter part stronger
7	5		"	"		
8	5					with Light passing Clouds
9	5					
10	5				"	all sail Set
11	6					at Meridian the Same
12	6		"	"		all well Pumps attended

126-83 Miles Latitude 1 1/2 Deg Ost

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NNE	115	—	—	32 40	32 45	20W	—	38 42	W

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat. 26 day of February 1881
1	6		NE	LW	Barom	Commencing with Fine
2	7				30 35	LW winds small rain with
3	7					Light passing Squalls & Mist
4	7					and Fog.
5	7		"	Var	"	
6	7					
7	7				30 20	
8	7					
9	7		"	West		Middle part baffling
10	7					
11	7			NW		
12	7				30 25	at Midnight wind North
1	6		E by E	North		Squally Loaded all Light
2	6					Squalls
3	6					
4	6				"	
5	6		East	NNE		
6	6					Latter part Hazy Weather
7	6		"	"		wind
8	6				30 30	Set all Light Sails
9	6					at Meridian Fine
10	6		"	"		Weather wind Fine
11	6				"	weather
12	6		"	"		So Ends this day

128 745 Miles Latitude 1 1/2 Deg Ost

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
E	160	—	—	34 20	34. 24	21W	—	37 20	

From Bang Kok towards Falmouth Eng.

Monday 28 day of February 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 28 day of February 1881
1	3		Calm	NNE	Bend	Commencing with 2 strong PM. carries in with 2 jibs,
2	3				2020	Fathers sounds heave Sailing
3	3					Sea with Light Puffing
4	3		"	"		clouds.
5	3					6 PM Calm.
6	2	1	Calm	Calm	"	
7	1					Pursed 1 Bath Loosed with
8						
9						
10			"	"	"	
11						Midnight Light airs from
12						NW Cloudy Sky.
1	2		NE	NW	2020	
2	3					
3	3					
4	3					
5	4		"	"	"	
6	4					
7	5					Latter part strong Night.
8	6					and Rainy with Ha Lead
9	7		"	"	3015	Authority Pull.
10	7					
11	7					At Meridian the Same
12	7				"	Ship bound NE In company

Brisk Fresh Gales and Squally 128 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NEbyN	70	—	—	35-30		22°W	—	26 43	Mer'd

Monday 28 day of February 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 28 day of February 1881
1	7		NEbE	LW	30 10	
2	8					Commencing with 2 strong
3	8		"	NbW	"	LW winds thick end Rainy
4	8					all Sail Set
5	8			WbN		at 4 PM. wind NW
6	8				3000	stronger Reefed all Light Sails
7	8					
8	8		"			
9	7			"		
10	6				"	Midd'g Part hoisting
11	6			NbW		with thick freezing showers
12	6		"			
1	5			Nbt	2990	2 6 M. fines Set Light
2	5		NEbE			Sails
3	5			NbW		
4	5					
5	5		"	"	"	
6	5					
7	6			LW		Latter part Strong
8						wind NW with freezing
9			"			Squalls Very Thick Set
10				"	"	at Meridian the
11						Same
12	8		"			Do Ends this day

Fresh Gales and Squally 135 45 Miles Sailed 128 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NNE	130	—	—	37 43	37 43	23°W	—	34 30	W

From Bang Kok towards Falmouth Eng.

Tuesday 1 day of March 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 1 day of March 1881
1	8		NbyNE	LW	Bend	This day begins with 2 strong LW
2	8				2990	winds Heavy Weather Sea with
3	8					Thick Threatening Clouds
4	8				"	Barometer falling Hourly all
5	8		"	"		Sail Set
6	8				2980	at 6 PM. strong and squally
7	8		SEbE	Lmbt		handed all Light Sails Fore & Mizn
8	8				"	T.G. Sails & do Still Increasing
9	9					with sharp Lightning all round
10	9		"	"	2970	the Horizon Reefed Main T.G. Sail
11	9					Set Mizn Top Sail
12	9				"	Midnight Strong Hard
1	9					squalls wind South Reefed Main Sail
2	9			"	2960	Mizn Top Sail Lower Yard & Mizn
3	9		SbE			Topmast Set Gave to Heavy Squalls
4	9				"	Daylight Increasing Sea
5	9				2950	Rising Gale Strong Still Falling
6	9		"	"		Reefed Fore Sail Lower Yard & Main
7	9					T Sail Reefed Wind moderate
8	9				2940	2 P.M. Top Sail Main Spanker
9	9		East	Southerly		Reef Spanker At Meridian
10	2				2930	blowing a whole Southerly Gale
11	2		SE	"	"	with Heavy squalls
12	2		"			

Brisk Fresh Gales and Squally 135 Miles Sailed 128 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSE	175	—	—	40 15		27°W	—	33 10	Mer'd

Wednesday 2 day of March 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wednesday 2 day of March 1881
1	2		East	South	Bend	
2	6			LW	29 30	Commencing blowing a Whole
3	8			WbN		Gale 1 P.M. Moderate & little wind
4	8					Chge to NW. Squalls very
5	8		"	LW	"	unsteady Set Top Sail Foresail
6	8			LbW		2 do Set Top Sail
7	8			South	29 40	3 do fine Set T.G. Sail & do wind
8	8					South Set all Light Sails
9	7					6 P.M. weather very squally
10	7		"	"		Reefed Light Sails
11	7					8 do Still Increasing with sharp Light
12	7				29 30	ning Reefed T.G. Sails Reef do Top Sails
1	6					Main Sails
2	6			LbW		2 6 M. frequent squalls with
3	6				"	Hail and Rain Lightning Reefed
4	6		"	LW		W Top Sail M Sail Reef Foresail
5	6				29 20	
6	6					6 P.M. weather fine. Set T.S.
7	7					while Fs Sail also Reef Main Sail
8	8			LbW	"	
9	8		"			Latter part strong NW wind Thick
10	8					Set Whole Top Sail also T.G. Sails
11	8				29 15	at Meridian strong hurricane
12	8		"			Barometer still dreadful. 29.20 Sh. 62

Mild Sailed 133 60 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	187	—	—	41 31	41 30	28°W	—	29 40	W

From Bang Kok towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 3 day of March 185
1	6		East	SSW	Bars	So Mr comes in with strong
2	6				29 30	Southerly winds inclined to
3	6		South			with thick threatening clouds
4	6		"	SbE		2 P.M. landed J.G. sail & do loose
5	6			SbE		squalls with rain wind SE &
6	4			SbE	29 20	Set Ref M & J sails Raymond
7	3		ESE	SE		& do wind East blowing &
8	2		NE	ESE		strong gale furled M.S. sail
9	2		South			Main sail Ref Foresail & P.M.
10	2		NNW	East		wind ESE blowing & whole gale
11	2			South	29 10	Barometer 29°. lowered M. Stay sail
12	2		NE	SW		Fore sail Close to under J.S.
1	2					Midnight wind SW more thick
2	2		"	"	29 05	to NE. & A.M. blowing & fresh
3	2					gale. furled J.S. Set sail Close
4	2					Reefing M & J Sail
5	2		"	"	29 00	
6	2					At 7 A.M. moderated
7	2		LE	SW		Set Lower Fore and Main S.S.
8	6					Foresail run up Ship LE after
9	8				29 10	the wind Latter part strong
10	8		LEbE	"		SW wind Set whole J Sail
11	8					M.S. Sail. At Meridian
12	8		"		29 20	fine weather strong SW wind

Lat Rec'd 135 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
ut	60	—	—	41 45	41 42	28°W	—	28 40	W

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 4 day of March 185
1	8		ESE	SW	Bars	Commencing blowing & strong SW
2	8					gale running before the sea
3	8		EbS	WSW	29 20	Whole M Sails Set. Main J.G. sail
4	8					4 P.M. wind West fines set all Sail
5	8					at 7 P.M. wind SW. gradually thick and
6	8		"	West	29 30	Raining Reefed Lightly Sails
7	8					
8	7		"		29 35	At 9 P.M. wind South strong and
9	7		WbW			gradually quite sharp Lightning Reefed
10	6			SW	29 20	M.J. Sails Ref M Sail Dark
11	6			SSW		at Midnight blowing & Long
12	6		East	South		Southerly Gale furled M.S. Set
1	6			SSW		Mainsail
2	6			SW	29 10	
3	6		"	WbS		At 4 A.M. wind SW blowing
4	6					a whole Gale with Long Head
5	6			West		Sea making one Lee Shot over
6	6		"			the Ship was obliged to Lay Ship
7	2		South	WSW	29 05	to under M & M Sail
8	2					Main Sail set
9	2					
10	2			Calm		At Meridian blowing a
11	2		Calm		29 10	whole Westerly Gale Barometer
12	2		"	"		Low 29 10 Read Lash & tie J.S.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NEbE	140	—	—	42 41		27°W	—	26 00	WbS

From Bang Kok towards Falmouth Engd

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 5 day of March 1881
1	8		East	West	Bars	This day begins blowing a whole
2	8				29 10	SW gale Lying To under Lows M J
3	8					Sail with a fruitful Sea at 1 P.M.
4	8		"	"		Sea Smooth & Light wind West
5	8					Set M & J.S. Whole Foresail Rep any
6	9				29 15	hour the wind manage to give plenty
7	9		"	"		much Sea breaking over the Ship
8	9					4 P.M. moderated Set Whole Foresail
9	9					Main S.J. Sail at 6 P.M. Still
10	9				29 25	smoothing down a little wind
11	9		"	"		NW. Set all Sail
12	9					
1	8				"	Midnight fine NW wind
2	8		"	"		all Light Sails Set Barometer
3	8					Standing on 29 25.
4	7					
5	6				"	
6	5		"	NbW		Latter part fine SW winds
7	5					small Sea with Light passing
8	5					clouds
9	5		EbN	SW	"	Barometer Standing on 29 25
10	5					
11	5		"	"		At Meridian the same
12	5				"	

Lat Rec'd 137 Miles Sailed 132 Days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
North	160	—	—	43 45	43 43	27°W	—	22 50	West

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 6 day of March 1881
1	5		East	NbW	Bars	Commencing with fine SW
2	5				29 30	winds amidst SW Sea with
3	5		"	West		Light passing Clouds all Sail
4	5					Set.
5	5					at Noon Sent the Crotchett for
6	5		"	"	"	Repairs
7	5					
8	5					Middle part moderate and
9	5		"	"	"	baffling
10	5					
11	4					At Midnight Calm.
12	3					with sharp Lightning in the
1	2		"			SW.
2	1		Calm	Calm	"	
3	0					At 4 A.M Light airs from North
4	0					at 6 A.M Thick and Rainy
5	0		"			Reefed all Light Sails 7 do Set
6	2		SbE	North	"	Increasing Reefed J.G. Sails 8 A.M
7	3					wind East more Ship to NbE Rep
8	3		NbE	East		M Sail Set Main Sail
9	3					Barometer Standing on 29 30 very
10	3					Thick and Raining
11	3		"	"	"	At Meridian Strong Gales and
12	3					under Reef J Sails and Close

Lat Rec'd 128 Miles Sailed 128 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NE	70	—	—	44 25		27°W	—	21 30	W

From Bonghkok towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 7 day of March 18 81
1	4		East	Berk.	Bar½	PM commencing with Strong
2	4				~~29 70~~	E & E winds Heavy sea with
3	5				29 30	Rain under Reft Top sails
4	5					1 PM. wind backed to North
5	5		"	"	"	veer ship to East
6	6					½ PM fines Lat
7	6					whole Top sails Mastead
8	6					
9	7			WNW	~~30 40~~	8 do Stett fines Lat
10	7		"		29 40	Top. G. Sailes.
11	7					
12	7					Midnight fines
1	7					WNW winds Set all Light
2	8					Sails
3	8					
4	8		"	WNW	~~29 50~~	
5	8				29 50	
6	8					
7	8					Latter part WNW winds
8	8		"	"		squally Barometer veering
9	6				~~29 60~~	very much highest at Lat
10	8				29 60	kept during 7 days
11	8					at Meridian WNW winds
12	8		"	"		squally all sail Set

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
~~NNE~~	150	—	—	45 30	45 08	28° W	—	18	30 W

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 8 day of March 18 81
1	8		E by N ½ N	NW	Bar½	
2	8				29 70	Commencing strong NW
3	8					winds with passing squalls
4	8		"	"		& wind and Rain all sail
5	8					Set. Saw 4 Barks bound
6	8					West 1 Bark 2m company
7	8				29 80	bound East.
8	8		"	"		
9	8					
10	8					
11	8					
12	8				29 80	
1	7		"	"		Middle part Fresh NW
2	7					winds with thick passing
3	7				30 00	clouds.
4	7					
5	7					
6	7		"	"		
7	7				30 10	Latter part fines with
8	7					Fresh breezes
9	7					
10	7				30 20	
11	8		"	"		At Meridian this Lam
12	8				30 25	all well Pumps attended

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S	162	—	—	46 44	46 34	25° W	—	18 23	—

From Bonghkok towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 9 day of March 18 81
1	7		E by N ½ N	NW	Bar½	PM. comes in with fine NW
2	7				30 20	winds small sea with light
3	6					passing Clouds
4	6		"	"		Spoke one Georgian Bark
5	6				"	showing signals H. W. B. S all
6	6					well
7	6		"	"	30 35	1 Bark in company bound E
8	6					
9	7					
10	7		"	"		
11	7				"	Middle part fines WNW winds
12	7					Cloudy Sky
1	7		"	WNW		
2	7					
3	7				30 40	
4	7					
5	7		"	"		
6	7				"	
7	7					Latter part strong Westerly
8	7			West	30 45	winds & small sea with fog
9	8		"			misty showers
10	8					At Meridian the same
11	8		"	"	"	1 Bark still in Company
12	8		"			do ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
~~NNE~~	162	—	—	48 14	48 14	25° W	—	18 00	W

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thur. 10 day of March 18
1	8		East	West	Bar½	
2	8				30 45	This day begins with fresh Westerly
3	8					winds & heavy sea with passing
4	8					squalls & wind and Rain
5	8		"	"	"	1 Bark in company bound
6	8					East
7	8					
8	8					
9	7		"	"	"	
10	7					Middle part Fresh Westerly
11	7					wind cloudy Sky
12	7					
1	7					
2	7					
3	7		"	"	"	
4	7					
5	7					Latter part moderate WSW
6	7					winds hazy Sky all sail
7	6		"	"	"	Set 1 Vessel seen distended
8	6					
9	6		East			At 8 am got soundings 75 fat.
10	6					Gray and Broken Shells with red
11	6			"	"	
12	6		"			At Meridian fine WSW winds
						got Ansers and Chronometers

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE	150	—	—		49 03	25° W		8 18	West

From Bonny River towards Falmouth Eng.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 11 day of March 18
1	3		East	Wd	Bar.	P M Comes in with light
2	3				30 45	Variable winds small & W 2nd
3	3					with light passing clouds
4	3		11	11		
5	3					Saw 1 ship bound South
6	3					6 P M got Soundings 70 fathom
7	3					Sand and Shells
8	3		11	11	11	
9	3					
10	3					
11	3					Middle part very Light
12	3					and baffling
1	2		11	11	11	
2	2					
3	2					
4	2					
5	2					
6	2		11	11	11	Latter part Light Variable
7	3					airs with fog Squalls
8	3					at 8 A M got Soundings 65 fathom Sand S
9	3					1 Bark in Campeachy Bound
10	3					
11	3		11	11	11	So Ends this day of Light
12	3					airs

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Noon E	90	—	—	49 20	49 20	28 W	—	—	6 48

From Bonny River towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 12 day of March 1881
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 12 day of March 1881
1			Calm	Calm	Bar.	
2					30 35	Commencing with Calms
3						heavy W W squall with passing
4						Misty showers with Fog
5			11	11		Saw Lizzy 2d Pilot Boat to the
6					11	Eastward 2 Barks in Company
7						Saw several Steamers bound South
8					11	at 6 P M got Soundings 65 fathom
9			11	11		fine Sand and Shells
10					11	at 11 P M Light airs from East
11	2					Midnight Thermr. 84 got Sounding
12	3		NNE	East		63 fathoms Sand and Shells
1	4				30 30	At 2 A M made Lt. Cognes Light
2	4		"	"		bearing NE½E dist 10 Miles Bishops Rk
3	4		Var W	East		Light house NNE dist 8 Sailed ship
4	4				11	bound South
5	4					At 4 A M Light Variable weather cleared up Cognes
6	4					Light at 4 A M Lost sight of this Light
7	4		11	11	30 25	bearing NNE.
8	4					at 7 A M Sailed ship
9	4		NE½E	ENE	11	NE½E
10	4					Latter part fine E by E
11	4		11	11		airs Squall NW squall all sail
12	4				11	Set at Mendam Bishop Rock E.
						Shore bearing NW W 42 Lt. Cognes NE by N 10

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Courses	25	—	—	~~6 04~~ 49 40		22°		6 06 W	

From Bonny River towards Falmouth

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 14 day of March 1881
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

From Liverpool towards Wilmington Call.

Saturday 30 day of April 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks,
1	7		W ½ W	West	Records	At 1 P.M. passed Bar Light
2					30 20	ship with light airs fresh
3			"	"	"	Wght. Lugr Boat anchd. Dated
4						still Looking out for Holyhead
5						
6					"	
7			"			
8						
9				WNW	"	at 8 P.M. thick fog. Lost
10						Light. Hollyhead bat
11			"			10 mile
12					"	
1						
2				NW		Middle part thick and
3						Light NNW airs still
4			"		"	Our Log proceeding
5						down to the Smalls.
6						
7				SSW		
8			"		30 40	
9						
10						At 11 A.M. made Longships
11				South	"	Light ship bearing ENE-½E
12			"			13 miles at Meridian Lon
						2 E Dist 4 miles Still Mod

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.

Sunday 1 day of May 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks,
1			WNW	South.	2000	Still proceeding down to Lusker
2				SSW		Lt. Loco with Tug Boat United
3			"	SW		States moderate airs Lan
4				WSW		WSW with thick Fog
5	5					
6	5		NW	"	29 95	at 3 P.M. cleared away
7	5					
8	5					
9	5					at 4 P.M. Tug Boat Giles Pilot
10	5		South	"		left the Ship off Lt. Point Head
11	5					bearing South Dist 12 miles Made
12	5				29 90	all sail passed Cross the Chanl
1	5		"			with a fine Head wind
2	5					at Midnight Grade Lus bore
3	5		"	"		bearing West Dist 12 miles at
4	5					1.30 P.M. bore WSW Locked Ship
5	5		NW		29 85	to South.
6	5					at 4 P.M. Locked Ship to N.W.
7	5			"		at 7.30 P.M. made Lusker bearing
8	5					N.E. Dist 6 Miles
9	5		South		"	at 8 P.M. Locked Ship to South
10	5					at Meridian Fine WSW wind
11	5					small rest with hazy sky
12	5		"	"	"	at Meridian thick Hazy

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
					57 50			6°40E-	

From Liverpool towards Wilmington Call

Monday 2 day of May 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks,
1	5		SW	WSW	Records	Still heading down Channel with
2	5		WNW		22 80	a light WSW wind small sea
3	5					with light passing rain showers
4	5		"			4 P.M. finish repairing Mizn Sail
5	4		"	"	"	Set it
6	4					
7	3		SW			
8	3		South.	"		at 7 P.M. Lat Light ship
9	3				"	bore SE Dist 4 miles Sailed ship
10	3					to South. at all Light Sails
11	3		WSW	West		
12	3					at 11 P.M. Lost Light Latter Light
1	2		"			bearing North from which I take Dr
2	2				"	Departure.
3	2					Middle part very Light
4	1			NW		
5	1		"			at 4 A.M. Calm.
6	2				29 90	
7	3					at 6 A.M. Light Southerly airs
8	3		SW	South		from weather Layer thick with Compass
9	4					bound South got Chronometer Sights
10	4					found them all right
11	4			WNW	"	
12	3		"		"	at Meridian fine WNW gentle
						cloudy Sky & Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Various	90	—	—	51-18N	—	23°W	—	6°29 West	

Tuesday 3 day of May 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks,
1	8		SW by W	WNW	Records	At 1 A.M. Comes in with
2	8					2000 WNW winds small.
3	8					with light passing
4	8					2000 good many Vessels
5	4					South
6	4		"	"		
7	4					
8	4					
9	4					
10	3					Middle part Light and
11	3		"	"		baffling with Heavy
12	3					NE weathering the high
1	3					headway
2	3					
3	3					
4	3					
5	2		"	East		
6	2					Latter part Light and
7	2					with Calms
8	2					
9	2		"			at Meridian Calm
10	2		Calm	Calm		Several Vessels in
11	2					company bound up and
12	2					down Channel at Ends

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
West	80	—	—	15 W		23°W	—	7°30 West	

From Liverpool towards Mid Channel

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wednesday 24 day of May 1881
1	—		Calm	Calm	20	Commencing with Calms & 3 PM Light airs from West
2						
3	2		SW	WSW		
4	3		SbW	West	"	
5	4		SzW	WbS		
6						
7						
8			"	"	"	
9						Middle part Baffling and Squally
10			South	WbW		
11						Midnight Saw Ship to WNW
12			SW	"		
1						
2			"		"	
3						
4			SW	WbW		At 4 PM saw NW Sailed Ship to SW good many Vessels in company both up and down channel
5						
6						
7			"	"	"	
8						
9						At Meridian fair
10						WbW winds by 8
11			"	"		passing Clouds & Showers
12						

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSW	107	—	—	48.40	48 54	25°W	—	8-07	7M

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thursday 25 day of May 1881
1			SW	WbW	Broad	
2					30 20	This day begins with fresh WbW breezes small sea fine weather Several Vessels in company
3						
4						
5			"	"		
6						
7						
8						
9			"	"	30 20	
10						Mid Night Fine weather
11						
12						
1						
2						At 3 AM wind Baffling
3			"	"	30 38	
4						
5						
6						
7			SSW	West	"	7 AM wind WbW Sailed Ship to SW
8			SbW	WbW		
9			SW	do	30 40	Latter part Fresh Breeze and Squally with heavy Showers
10						
11			WbW	WbW	"	Saw several Vessels steering the same course as we Hard Work
12						Steering to get to the SW. Winds

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W	110	—	—		47.16	24°W	—	Q 00	W

From Liverpool towards Mid Channel

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 26 day of May 1881
1			WSW	WbS	2 40	This day begins with Fresh WbW Breezes and Cloudy Saw at 10 AM Sailed Ship to SW.
2			SbW			
3			"	"	"	
4						At 4 PM Sailed Ship to SW.
5			SbW	WbW		
6					"	
7						
8						Middle part Hard
9			"	"		WbW winds squally at
10					"	Saw with light
11						passing clouds.
12			"	"		
1						
2					"	
3						
4			"	"		
5						
6					30 45	Latter part fine day
7			"	"		squally Saw Ship SW
8						Sailed
9					"	
10						At Meridian the Land
11			"	"		Lands change to get to
12					"	the SW 15 Ships this d

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSW	144	—	—						

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 27 day of May 1881
1			SW	WbW	30 45	
2			SW	West		This day begins with moderate
3			SbW	WSW	"	WSW winds small SW Sea
4			SW	"		with @ clouds 2 Ms
5					30 50	At 4 PM Sailed Ship to SW
6						weather very hazy
7			"	"	"	
8						
9						Middle part very Light
10			SbW	"	30 60	and Baffling
11						at Midnight Calm
12						
1			Calm	Calm	"	
2						
3						
4			"	"	30 65	4 AM Light airs from
5						SE thick Fog and Mist.
6						
7						
8			SbW	SE	"	Latter part fresh SE and
9						small WbW Cloudy
10						2 Ms
11			"	SE		At Meridian the 2
12					"	Saw 3 Vessels bound Ec

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	60	—	—		47.04	24°W	—	11-40	

From Liverpool towards Wilmington Del

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 8 day of May 1881
1	7		LW½W	SSE	Brandt	
2	8				2033	Begins with fine SE winds
3	8					Imall NW swell heavy SE
4	8					sent up Topmast Studding Sails
5	9		"	"	"	Set Studding Sail
6	10					
7	10					
8	10					
9	11					Middle part strong and
10	11					Misty ship making good
11	11		"	"	"	way
12	11				2060	
1	11					
2	11					Midnight Same weather
3	11					ship Going 11 Knots
4	11		"	"	"	
5	11					
6	10					
7	10					
8	9					Latter part Moderate
9	8		"	"	"	Imall Red Cloudy
10						sky
11	4					At Meridian the Same
12	6		"	"	"	No Vessels in Company

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob
SSW	230	—	—		44 05	23° W	—	18 56	W

From Liverpool towards Wilmington Del

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 9 day of May 1881
1	6		LW	SSE	Brandt	
2	5				2050	Commencing with Light
3	4		West	South		SE winds Small rain fine
4	2					weather
5	1		Calm	Calm	"	At 4. P.M. Calm.
6						
7						
8	2		LW	WW		At 8 P.M. Light airs from WNW
9	3					
10	3				"	
11	3					
12	3		"	NNW		Middle part Light and baffling
1	3					with mist
2	3					
3	3				"	
4	3		"	North		
5	3					
6	3				"	Latter part Study NE winds
7	3					
8	4		"	NE	"	Small Rain fine weather
9	4					
10	4					Saw 2 Vessels bound
11	4					One bound North
12	4		"	"	"	So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob
W	80	—	—	—	42 54	24° W	—	15 00	W

From Liverpool towards Wilmington Del

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 10 day of May 1881
1	4		LW	NE	Brandt	Read this day Begins with fine
2	4				2050	NE winds Small rain
3	4					weather
4	4					
5	4		"	"	"	Middle part freshing
6	4					Misty showers
7	5					
8	5					
9	5		"	"	2060	Saw 2 Vessels bound
10	5					South
11	5					
12	5					
1	6					
2	6		"	"	2035	
3	6					
4	6					Latter part strong and
5	6					clear Sky
6	6					
7	7		"	"	"	
8	7					At Meridian the
9	7					Same
10	7					Saw no Vessels this
11	8				"	last part three 24 hours
12	8		"	"		Crew employed repairing Sails

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
SSW	140	—	—	—	40 49	23° W	—	16 10	W

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 11 day of May 1881
1	7		LW	NE	Brandt	
2	7				2035	1 P.M. Commencing with
3	7					fine NE winds Middle Light
4	7					with Cloudy Sky with mist
5	7		"	"	"	Hazy
6	7					Saw 1 Bark bound South
7	8					1 do bound South
8	8					
9	8		"	ESE		
10	8				"	
11	8					Middle part Strong
12	8					with Hazy Sky
1	8				3030	
2	8					
3	8		"	"		Crew employed repairing Sails
4	8				"	
5	8					
6	8					Latter part Strong ESE winds
7	8		"	"	3025	Small Red with Cloudy
8	8					Sky At Meridian the Same
9	8					
10	8					
11	8				"	1 Boy sick off duty
12	8		"	"		So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob
SW	180	—	—		38 00	24° W	—	18 00	W

From Liverpool towards Nidingston Coll

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thursday 12 day of May 1881
1	8		LW	NE	Bar[d] 2025	Commencing with fine NE winds small sea fine weather
2	8					
3	8					
4	8					
5	8					
6	8		"	"	"	
7	8					
8	8					
9	8					Middle part Dense Head NE
10	8		"	"	"	
11	7					
12	7					
1	7					
2	7					
3	7		"	"	"	
4	7					
5	7					
6	7					Latter part Light and baffling
7	7		"	"	"	at Mondelion the Isme -
8	6					
9	6					
10	6					Crew employed
11	6		"	"	"	repairing Mainsail and other jobs to Enas this day
12	6					

1453 Miles Sailed 13 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LW	160	—	—	—	35-43	24 W	—	19 25	W

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 13 day of May 1881
1	6		LW	NE	Bar[d] 3025	This day begins with fine NE winds small sea fine weather
2	6					
3	7					
4	7					
5	7					
6	8		"	"	"	
7	8					8 PM wind NE Shortened with pressing Clouds
8	8					
9	8					
10	9		"	NNE	9	
11	9					At 10 PM Saw 2 Steamers bound North
12	9					
1	10					
2	10					
3	10					
4	10		"	"	"	Latter part Shortened NW to wind under small sail
5	10					
6	10					fine weather
7	10					
8	10					at Meridian
9	9		"	"	"	
10	9					at Meridian the Same
11	9					Shortened 1 French Steamer 1 Barque Hull Dark with the
12	9					bound to Havre unidentified Steamer to Enas this day

1632 Miles Sailed 14 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LW	180	—	—		32 54	24 W	—	20 55	W

From Liverpool towards Nidingston Coll

K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 14 day of May 1881
8		LW	NE	Bar[d] 3025	This day begins with fine NE winds small sea fine weather Employed repairing Sails Setting Ship between the Steamers Mercurio which had been repairing
8					
8		"	"	"	
8					
8					
8					
8					
8					
8					
7					
7					
7					
7					
7					
7					
6					
6					
6

From Liverpool towards Wilmington Coll

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 16 day of May 1881
1	6		S.W.½S.	S.E.	Broad	Begins with fine E.S.E winds
2	6				30 25	and cld fine weather
3	6					all said set
4	6					2 Barks in company
5	6		"	"	"	bound South
6	6					
7	7					
8	7		"	"		
9	7				"	
10	7					
11	7					Middle part Strangers
12	8		"	"		and fine
1	8				"	
2	8					
3	9		"			
4	9			"		
5	9		S.W.½S.		30 30	Latter part Strangers
6	10					at Meridian
7	10			East		the same
8	11		"		"	Charles Water still
9	11					sick off dusty
10	11					so Ends the day
11	11		"	"		
12	11				"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S.S.W	2 12	—	—		25-10	22° W	—	—	24-00 W

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wednesday 18 day of May 1881
1	10		S.W.½S.	E.S.E	Broad	P.M. comes in with strong E.S.E
2	9				30 30	winds small rain cloudy sky
3	9					3 P.M. finish repairing sails
4	8					Commence sent down Royal
5	8		"	"	"	5 P.M. Lulling and moderate
6	8					
7	8				30 28	
8	7			East		
9	7					
10	7		"		"	Middle part lulling moderate
11	7					with much Lightning with Thunder
12	6			E.S.E		
1	6				30 20	
2	6		"			
3	6					
4	6			S.E		
5	6				"	
6	6					Latter part Strangers and
7	6		"			lulling with Light
8	6			"	"	Rain 2 Strokes
9	7					
10	7					at Meridian the same
11	7		"	"	"	Charles Water still sick off dusty
12	7					so Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S.W.½W	160	—	—		18 47	21° W	—	25-30 W	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 17 day of May 1881
1	10		S.W.½S.	East	Broad	This day begins with
2	10				30 30	strong Cuttle Trader
3	10					small sea and Light passing
4	10					clouds
5	10		"	"	"	
6	9					Crew Employed repairing sails
7	9					setting ship on Top Gallus
8	9					
9	9					Middle part Light
10	9		"	"	"	passing squalls with Thick
11	9					passing clouds
12	9					
1	9					
2	9		"	"	"	
3	9					
4	9					
5	9					
6	9		"	E.S.E	"	Latter part strong
7	9					and Cloudy
8	9					
9	10					Saw 1 Bark bound South
10	10					
11	10		"	"	"	at Meridian strong
12	10					all said Latt

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S.W.	240	—	—	—	21 18	20° W.	—	24-40 W	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thursday 19 day of May 1881
1	7		S.S.W	S.E.	Broad	
2	7				30 20	Commencing with fine S.E
3	7					winds small sea cloudy sky
4	8					passed 2 Barks bound South
5	8					
6	8		"	"		sent spare Upper and Lower F.S. Sail
7	8					which had been repairing
8	9				30 15	
9	10					Middle part Strangers and
10	10			S.E.		lulling with high Leg Swell
11	11		"			
12	11			"	"	
1	11					
2	11		"	East		
3	11					
4	11			"		
5	10				"	Latter part Strangers and
6	10		"	E.S.E		steady with fine and clear
7	9			"		
8	9					
9	9		"	East	"	pass one Whaler bound South
10	9					
11	9			"		at Meridian fine Easterly
12	9		"		"	winds so ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S.W.	210	—	—	—	15-20	20° W	—	26 00	

From Liverpool towards Wilmington Coll

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 20 day of May 1881
1	9		Lg WbW	East	Bearings	This day begins with fresh
2	9				30 20	Cutty winds small sea fine
3	9					weather all said sat
4	9					
5	9					4 P.M. lent a spare W M 3d
6	9		"	"	"	which had been repairing
7	8					
8	8					
9	8					
10	8					
11	8		"	"	"	Middle part moderate
12	7					with passing clouds.
1	7					
2	7					
3	7		"	"	"	
4	7					
5	7					Latter part steady Easterly
6	7					winds.
7	7					Small sea fine
8	7		"	"	"	weather very makeu.
9	7					
10	6					passed 1 Bark bound south
11	6					6 clock Water still Pilot off
12	6		"	"	"	duty

3 34 Miles Sailed 21 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S½W	200	—	—	—	12 03	28 W	—	26-10 W	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 21 day of May 1881
1	8		Lg WbW	East	Bearings	Commencing with fine
2	8				30 20	Cutty winds small sea
3	8					fine end more fresh
4	8		"	"	"	Berks bound South
5	7					
6	7					Charles Water still pilot off duty
7	7					
8	7		"	"	"	
9	7					Middle part more moderate
10	7					with Thick passing Clouds
11	7					
12	7				20 15	
1	6		"	"		
2	6					
3	6					
4	6					
5	6		"	"	"	
6	6					
7	6					Latter part fine Easterly
8	6					winds Small sea
9	6		"	"	"	fine and Hazy
10	6					
11	6					Spoke one English Bark
12	6		"	"	"	bound South Put her to

3109 Miles Sailed 22 days out

report as Solomons this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S½E	175	—	—	—	9 07	28 W	—	26. 05 W	

From Liverpool towards Wilmington Coll

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 22 day of May 1881
1	6		Lg WbW	East	Bearings	This day begins with fine
2	6				30 18	Cutty Breeze small sea
3	6					fine and warm
4	6		"	"		
5	6				"	
6	6					
7	6					
8	6		"	"		
9	6					Middle part moderate with
10	6				"	cloudy Sky
11	6					
12	6		"	E½E		
1	6					
2	6				"	
3	6					
4	6			SE		
5	6		"		30 10	Latter part Lofting and
6	5					cloudy
7	5		LbW	SbE		
8	5				"	At Meridian the same
9	5					Charles Water still pilot off
10	5		"	"		duty
11	5				"	Ends this day
12	5					

3 34 9 Miles Sailed 23 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S½E	140	—	—	—	7 00	18 W	—	—	25-50

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Monday 23 day of May 1881
1	5		LbW	NbE	Bearings	
2	5				30 18	P M comes in with Light
3	5					NbE winds small sea fine
4	5		"	"		and warm
5	5					
6	5		LbW	LbE		At 6 P M had a squall
7	5		"			from East with Rain
8	5					
9	5		LbW	NbW		
10	4					At 8 P M calm
11	3		"			At 10 P M Light
12	3					airs from NbW fine
1	3				"	
2	3					Spoke Br Durham asked him when
3	3					he Loaded the LE Spoke Le
4	3		"			Leith in 1st Nov we took the same
5	3				"	Latter part Light NbW
6	3					airs fine and Hazy
7	2					
8	2		"		"	Spoke English Ship Dusk
9	2					from Astrakan bound to Queens
10	2					96 days out saw 1 more
11	2		"			Ship bound South no Name
12	2				"	Charles Water still pilot

3 13 Miles Sailed 24 days out

Course NbE

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South	70	—	—	—	6 00	18 W	—	—	25-40 W

From Liverpool towards Helsingfors

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 24 day of May 1881
1	3		SSW	NNW	Beraute 30 15'	6 PM Comes in at Light NNW airs with calms very Hot 98°
2	3					
3	3					
4	3		Variable			
5	3				"	
6	3		"			6 PM mixed NE Sprk and Rainy finished all our Potatoes
7	3					
8	2					
9	2				"	
10	2			Calm		
11	2		"			Midnight Calm Rainy
12	2					
1	2					Hazid Hazid Calm
2	2					
3	2					
4	2		"			
5	2			"	"	5 AM Light Variable airs
6	2					all round the compass
7	2			SW		Spoke Ship Charges from
8	2					Liverpool bound for Helsingfors
9	2			SE	"	25 days out
10	2		"			At Meridian Lat by
11	2			SW		Sothery airs cloudy
12	2		"	Variable	"	employing Ship to Eastward

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Various	30	—	—	3 35	—	28	—	25 40	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 25 day of May 1881
1	2		SSW	Variable	Beraute 30 15'	Commencing with Light
2	2					Sothery airs and small
3	3					fine and Pleasant Thermometer 68 at 12
4	4		SW	SE		the Cabin at 3 PM fine SE
5	5					wind Supposed to be the Trade
6	6					
7	6		"			Charles Noted Still on
8	6					Off duty
9	6		SSW	SE		
10	6					Middle part Steady SE
11	6		"			winds with Light passing
12	6					clouds
1	6					
2	6		"		"	crew employed repairing
3	6					Sails Cabins and Deck
4	6		"			Carp Deck
5	6				"	
6	6		SW	SE		Latter part Steady SE
7	7					winds small fine and
8	7		SSW	SE		warm
9	7					
10	7		"	"		At Meridian the Same
11	7					Lat by Log Light
12	8		"	"		English ship in company to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	135	—	—	3 42	3 41	19° W	—	26 34	

From Liverpool towards Helsingfors

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thursday 26 day of May 1881
1	8		SSW	SE	Beraute 30 12	This day begins with
2	7					fine & Light Trades small
3	7					Sea fine weather all send
4	7					Sat
5	7					Employed repairing Sails
6	7		"		"	Caulking Decks and other
7	7					Jobs
8	8					
9	8					
10	8					
11	10		"	"	"	
12	10		SSW	SE		
1	10					Middle part Strangers
2	10					
3	10				"	good sensible SE Trades
4	9					
5	9					
6	9		"	"		Latter part fresh ESE
7	9				"	Trades fine and warm
8	9					
9	9					At Meridian the
10	8		"	"		Same Charles Noted still
11	8				"	sick off duty so Ends
12	8					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSW	195	—	—	—	0° 25' South	18° W	—	27 35	West

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 27 day of May 18
1	8		SSW	SE by E	Beraute 30 15	Commencing with
2	8					fine SE Trades small
3	7					and fine and warm
4	7		"	"		
5	7					
6	7				"	Crew employed repairing
7	7		South	ESE		Sails and other Jobs
8	7					Charles Noted Still
9	6					sick off duty
10	6				"	
11	6		"	"		
12	6					Middle part more
1	6					with Light passing cl
2	6		"	"	"	
3	6					
4	6					
5	6					
6	7		"	"		
7	7					Latter part Light
8	7		SSW	SE by E	"	with Light Baltic Steamer
9	7					
10	7		SW	SE		At Meridian Strangers and
11	8					fine Spoke Brazilian Brig
12	8		"	"	"	steering S.W. by S.

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSW	175	—	—	—	2° 20' South	16° W	—	27 35	West

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 28 day of May 1881
1	8		LW½L	LE	Broad	Commencing with Thing & L.E.
2	8				3a 18	and squally with rain
3	8					At 2 P.M. heavy squall from
4	8					LE blowing & taking Jib head
5	8		"	"	"	Royals and Light Skysail
6	8					& kept them flying Jib
7	8					set &
8	8					8 P.M. Moderated set
9	8		"	"	"	Royals and Skysail.
10	8					employed repairing sails
11	8					and other jobs
12	8					
1	8		"	"	"	Midnight fresh LE
2	8					winds & small sea & cloudy
3	8					sky
4	8		"	"	"	Hands Watch still sick
5	8					off duty
6	8					Latter part Steady
7	8		"	"	"	LE winds & small sea
8	8					with light passing
9	8					clouds
10	8					At Meridian the
11	8		"	"	"	same
12						& Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LW	212	—	—	—	5-40	12°W	—	22 23	Wat

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 29 day of May 1881
1	8		LW½S	LE	Broad	
2	8				30 18	This day begins with
3	8					fine & pleasant weather
4	8					& smooth sea
5	8		"	"	"	
6	8					6 P.M. spoke English
7	8					ship showing Signals W.B.P.J.C.
8	8					from Liverpool bound to
9	8					York 86 days out
10	8		"	"	"	
11	8					
12	8					
1	8					Middle part fine & LE
2	8		"	"	"	winds & fine weather
3	8					all sail Sat.
4	8					
5	8					
6	8					
7	8		"	"	"	Latter part still fine
8	8					and calm at Meridian
9	8					the same
10	8					Charles Hunter still
11	8		"	"	"	sick off duty
12	8					& Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSW	190	—	—	8 30	8 38	14°W		30 30	W

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sunday 29 day of May 1881
1	8		LW	LE	Broad	P.M. Cryes in sight with
2	8				2a 12	a fresh breeze & small sea
3	7					
4	7					at 6 P.M. Lofling and squally
5	6					Ended Stabsail &
6	6		"	"	"	
7	6					
8	7					
9	8					Middle part Lofling
10	9					with passing squalls & rain
11	9		"	"	3a 18	And Rain Lofled Royals close
12	9					up and Sat Reef of Courses
1	10					
2	10					
3	10		"	"		2 Ships in Company Lands
4	10					
5	10				3a 28	Latter part Thing & LE
6	9					Lrodes fine weather all
7	9		"	"		Sail Sat
8	9					
9	9					At Meridian the same
10	9					Charles Hunter still sick
11	9		"	"		off duty
12	9					& Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LW½W	212	—	—	—	11-40	13°W	—	32-20	W

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 31 day of May 1881
1	9		LW½W	LE½	Broad	
2	9				30 20	Begins with Thing L.E. &
3	9					windy small sea & Rain
4	9					weather very warm all sail
5	9					Late.
6	8		"	"	"	2 Ships in Company bounds
7	8					
8	8					Crew employed repairing sails
9	8					and washing & Dec'd 4 M.
10	8					J. L. Brown take new Jib Forks
11	8					Middle part steady LE
12	8		"	"	"	winds small sea & fine
1	8					weather
2	8					
3	8					Carpenter employed caulking
4	8					Top Forward House
5	8		"	"	"	
6	8					
7	8					Latter part fine
8	8					and steady
9	8		LLW	LE	"	at Meridian the
10	8					same
11	8					Charles Hunter still
12	8		"	"	"	sick off duty & Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	195	—	—	—	14-40	12°W	—	33-30	Wat

From Liverpool towards Burlington Co

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 15th day of June
1	8		ESE	SE	Brackets	P M Comes in with
2	8				30 15	fine E by E winds small
3	8					sea fine and warm
4	8					
5	8		"	"	"	Set sails Set Watch
6	8					Spoke Brig Lucy
7	8					bent at 8 PM
8	8					
9	8					
10	8		"	"	"	Middle part Same
11	8					weather
12	8					
1	7					
2	7		"	"	"	
3	7					Charles Norton Still Sick
4	7					off duty
5	7					
6	7		"	"	30 25	Latter part more
7	7					moderate
8	7			East		
9	7					Spoke English Bark Blonde
10	7		"	"	"	from Liverpool Bound to
11	7					Pernambuco 40 days out
12	7					Reckoned 1/2 mile too Long Etc

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LbW	168	—	—	—	17 25	6°W	—	33 " 35	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 2nd day of June
1	7		LbW	East	Brackets	
2	7				30 20	Commencing with fine
3	7					Easterly winds small sea
4	7					fine and warm.
5	7					
6	7		"	"	"	6 P M Lost sight of the English
7	7					Bark astern.
8	7					
9	7					
10	7					
11	7		"	"	"	Middle part fine
12	7					Easterly winds small sea
1	7					fine weather
2	7			ESE		
3	7					
4	7		"	"	"	Saw 1 Brig bound on the same
5	7					
6	6					Latter part breezy
7	6					and Moderate
8	6			SE	30 25	
9	6		"			At Meridian the
10	5					same employed Securing
11	5					all over Head Sails Repaired
12	5		"	"	"	for Cape Horn while they

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W	150	—	—	—	20 00	4°W	—	34 " 40	W

From Liverpool towards Burlington Coll

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun 29th day of June 1881
1	5		LbW	SE	Brackets	P M Comes in with fine
2	5				30 30	E by S winds small sea with
3	5					light passing clouds
4	5					
5	6					Set sails Watch Still sick
6	6		"	"	"	off duty
7	6					
8	6					Middle part Light
9	6					and baffling winds passing
10	6					rain showers
11	6					
12	6					
1	6		"	"	"	
2	6					
3	6					
4	6					
5	6					Latter part Light
6	5		LbyS	North	30 30	baffling winds with rain
7	5					2 Showers
8	5		"	"		
9	5					at Meridian the
10	5		LbyS	NW	"	same Crew Employed
11	5					repairing Sails Set the
12	5		"	"	"	Jobs of Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSW	180	—	—	—	22 00	4°W	—	35 14	West

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 4th day of June 1881
1	5		SbW	SW	Brackets	
2	5				30 30	Commencing with fine
3	5					NW winds small sea fine
4	5					and warm
5	6			South		Crew employed repairing sails
6	6		"		"	Various other Jobs
7	7					
8	7					Middle part baffling
9	7					with Light rain showers
10	7		"	SSE	"	
11	7					
12	7					Charles Norton Still sick
1	7					off duty
2	6		"	SE	"	
3	6					
4	6					Latter part Steady SE
5	6			SSE		winds small sea Cloudy
6	5				"	Day
7	5		"			Spoke Dutch Bark R.
8	5			North		Showing Signals R. D. L. F.
9	5					from Hamburg bound to Valparaiso
10	5			SSE	"	40 days out distant 6 Miles
11	5		"			in Long steady Saw 1 Brig
12	5			"		bound South at 10 Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SbW	154	—	—	—	24 11	4°W	—	36 22	W

From Liverpool towards Burlington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun. 5 day of June 18 81
1	6		LWbS	NE	Bearts	
2	6				30 30	This day begins with
3	6					fine WSW winds small sea
4	6					fine and warm
5	6		"	"	"	Come up on the ship Chagres
6	6					again which sailed 1 day ahead
7	6					of us from Liverpool
8	6					
9	6					Charles Worter still sick
10	6					off duty
11	6		"	"	"	
12	6					
1	6					Middle part fine breezy
2	6					cloudy & Hazy
3	6					
4	6					
5	6		"	"	"	
6	6					
7	6					
8	6					
9	6		LW	"	"	Latter part fine breeze
10	6					small boat sailed ahead
11	6					fine and pleasant
12	6					at Meridian the same

5 Miles Sailed 3rd days run

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LWbS	144	—	—	26 11	25 57	4° W	—	37 11 25	

From Liverpool towards Burlington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues. 7 day of June 18 81
1	8		LWbW	Calm		Beat Comm. Comes in with Log at
2	8				30 45	W ais small lead fish
3	8			NW	"	and warm.
4	8					
5	4					Passed 1 Bark bound South
6	4		"	"		to Savin
7	3					
8	3					Crew employed repairing sails
9	2					
10	2					Middle part Log at
11	2		"	"	30 45	variable airs clear sky
12	2					
1	2					
2	3					
3	3					
4	4		"	"	"	
5	4					At 5 P.M. fine breeze
6	4					fine W.N.W.
7	4					Finish repairing W Mg. Top sail
8	4		LW	WNW	"	Rabbit
9	5					Latter part baffling
10	5	36	LWbS	WbN		Variable winds Cloudy
11	6					Sky
12	6		"		"	at Meridian this same

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LWbW	144	—	—	28 11	No Lun	4°W	—	40 13	West

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 6 day of June 18 81
1	6		LW	NE	Beat	
2	6				30 35	Commencing with fine
3	6					NE winds employed read fine
4	6					and warm.
5	6		"	"	"	Saw Bark and ship Chagres
6	6					get away from us after
7	6					dark. Hoping I shall come
8	6					across them at the Capt E
9	4		"	"	"	
10	4					Charles Worter still sick
11	4					off duty
12	4					
1	4					Middle part light airs
2	4					fine weather
3	4		"	"	"	
4	4					
5	4					
6	4					
7	4		LWbW	NNW	30 40	Latter part moderate
8	4					airs from North
9	4					
10	4					At Meridian the same
11	5		"	"	"	employed repairing W Mg
12	5					sail and Jib sent down

5-5-19 Miles Sailed 38 days run

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LW	110	—	—	—	27 15	4°W	—	38 11 40	West

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 8 day of June 18 81
1	6		LWbS	WbN		Beat Commencing with squally weather
2	6		LWbS	SE	30 45	at 1 P.M. set mizen to SE
3	6					Latter ship to LW by W. still squally
4	6					and rain
5	6		"	"	"	Crew employed repairing sails
6	6					various other jobs aloft
7	7					
8	7			Jury		Middle part wind from
9	8			SE		SE to E with heavy
10	8			to		rain squalls all hands
11	8		"	E by E	"	
12	8					employed at heavy sails
1	8					aloft
2	8					
3	8		"	"	30 40	Charles Worter still sick
4	8					off duty
5	8					
6	8					Latter part baffling E
7	8					winds with pleasing rain
8	8		"	"	"	squalls
9	8					all said late
10	8					
11	8					At Meridian the same
12	8		"	"	"	as ends this day

5-14-99 Miles Sailed 40 days run

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LWbW	180	—	—	30 00	No Lun	2°E	—	43 00	West

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs. 9 day of June 1881
1	8		SW.	E by E	Brad Commencing with Shore	
2	8				20 40 ESE winds small Rain with	
3	8				passing rain squalls.	
4	9				Rove off pair New Hawse	
5	9		"	"	" Ropes.	
6	9				put the Carpenter on the	
7	9				Lead Mate Watch one man heat	
8	9					
9	9		"	East	"	Middle part befalling
10	9					Cloudy Sky
11	8					
12	8					
1	8		"	ENE	"	Charles Water Still sick off
2	8					duty
3	8					Latter part moderate ENE winds
4	8					
5	8		"	"	"	Lee y of E. Lead with Light
6	7		SWbW	NbE		passing clouds
7	7					Saw several Cape Fear Pigeons
8	7					round the Ship
9	7		"	"	30 48	
10	7					Crew Employed repairing
11	7					Sails and other Jobs.
12	7		"	"	"	

6 3/4 H Miles Sailed 4 Degs Cast

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	200	—	—	32 22	32 30	4-E	—	45-50	W

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Frid 10 day of June 1881
1	7		SWbW	NEbE	Brad This day	beginning with fresh
2	7				30 45 NE breezes small ENE 2nd	
3	7				with passing clouds	
4	7					
5	7		"	"	" Saw 1 Sperm bend South	
6	7					
7	8				Crew employed repairing	
8	8				Sails and other Jobs	
9	9		"	"	" Clouds Water Still Sick off	
10	9				duty	
11	9				Middle part fresh NE	
12	9				breezes Small ENE Cloudy	
1	9		"	NE	" Sky Discovered 20 45	
2	9					
3	9					
4	9					
5	9					
6	9		"	NNE	30 40	Latter part strong and
7	9					blowing
8	10					All Sail Set
9	10		SWbW	South	"	
10	11					At Midday passing Sam
11	11		"	"	30 35	Showers
12	11					So Ends this day

6 3/4 H Miles Sailed 4 Degs Cast

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SWbW	210	—	—	34 40	1-50	6°W	—	49 00	W

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat. 11 day of June 1881
1	11		SWbW	Vaks	Brad	P.M. Comes in with fresh
2	11				20 30	Squalls & Rain Shortens
3	10					sail & Reefs
4	10					Set & new Mainsail had
5	9					all Bonnets double
6	9		"	"	"	reefed for Lead & Heather
7	9					
8	9					
9	9					
10	9			SW	"	Middle part Squalls
11	8					with light Rain showers
12	8		"			
1	7					
2	6		SW	WSW	30 25	Charles Water Still sick
3	3		SSW	West		off duty
4	2		"			
5	2					5 P.M. Calm
6	2		Calm	Calm	"	Thick and Rainy
7	2					
8	2		"	"		
9	2				30 20	Latter part Calm
10	2		"	"		25 to the End
11	2					at Mid Thick and Rainy
12	2				"	So Ends this day

6 3/4 H Miles Sailed 4 Degs Cast

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	130	—	—	36 02	N0	7°E	—	57-04	Wed

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun 12 day of June 1881
1	"		Calm	"	Brad	6 P.M. comes in with calms
2	"				30 15	at 2 P.M Log 2 miles from South
3	2		SW	South		Thick and Rainy
4	3		South.	WbW		
5	3		SbE	SW	"	at 6 P.M. wind change to
6	3		SE	SbW		SSE. Tacked ship to SW still
7	4		SW	SSE		squally and misty furled Sail
8	5					Split
9	6				"	
10	7		"	"		
11	8				30 20	Midnight Thing and
12	8					Steady SSE winds
1	8		"	"		
2	8					
3	8				"	
4	8		"	"		
5	8					Latter part fine with
6	8					fresh SE wind set all
7	8					Leg & Sails
8	8		"	"		
9	8		SWbS	SEbS	30 12	
10	8					At Midday the fine
11	8					weather Charles Water
12	8		"	"	"	still Sick off duty So Ends

6 3/4 H Miles Sailed 4 Degs Cast

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW.	150	—	—	37 33	37 50	8°E	—	53 35-53	2

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 13 day of June 1881
1	8		LWbS	SE		Barom'r 6 P.M. comes in with fresh
2	8				30 20	SE winds small sea Light
3	8					weather all said date
4	8		"	"		good many Boats scensd Hs
5	8					Ship Charles Worton still sick
6	8					
7	7			ESE	"	Off duty
8	7		"			
9	7					Middle part mgs
10	7			East		Moderate and suppering
11	7					heavy Side seps.
12	6		"	ENE	"	
1	6					
2	6		LW	NE		
3	6					
4	5		"	"		At 7 A M found my Jack
5	5				30 25	was gone Supposed kept Shove
6	5					him overboard, could not find at
7	5		LLW	NbW		Latter part fine NW winds
8	5					Engaged Sea fine Transparent
9	5				"	Clouds passing over good deal
10	5		"	"		I Cld found the Ship steering
11	6					Course Selling to the Westward
12	6		"	"	"	At Meridian the Same
						So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LW	160	—	—	39.80	39.00	13°W	—	55-30	Mar

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues 14 day of June 1881
1	7		LW	NbW	6 Knots	
2	7				30 25	Commencing with fine
3	7					NW winds small sea fine
4	8		"			weather all said Date
5	8			Nbk.	"	
6	9					Charles Worton still
7	9		"			Sick off duty
8	10					
9	10			NW		Crew employed in various
10	10		"		"	Jobs.
11	10					
12	10					
1	9					
2	8				"	Middle part strong
3	7		"	NbW		with passing Misty Showers
4	6					
5	5					
6	4					
7	3		"	"		
8	3				"	Latter part Light airs
9	2					with Calms
10	2		"	"		
11	2					At Meridian the Same
12	2				"	So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LWbN	152	—	—	41 40	41 25	14°E	—	58 10	West

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 15 day of June 1881
1	2		LW	NbW	Beat 6	P.M. comes in with Light
2	4				30 20	NW winds small sea fresh
3	6					Light passing Clouds
4	6					4 P.M. Stronger
5	6		"	"	"	all said Date
6	7					Barometer Falling
7	7					Thick fog and Misty
8	8					
9	9				20 10	
10	9		"			Middle part strong
11	10					and squally Lended Light
12	10					Sails
1	11		LWbS	NbW	3 Knots	
2	11					4 do Lended S.G. Sail
3	11					Crotchets
4	11		"	"	29 90	Charles Worton still Sick
5	11					4 do Latter part strong WbN
6	11					
7	11				29 80	wind Thick Misty water
8	10		LWbS	NbW		very much discoloured by
9	10				29 70	Sediment Barometer Still
10	10					Falling at Meridian the
11	10		"	"	29 60	Same do Ends this day
12	10					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LWbS	203	—	—	43.36	NW	16°W	—	61.30	West

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 16 day of June 1881
1	10		LW	West	2 Knots	Commencing with strong WNW
2	10				29 60	winds small sea passing squalls
3	9					
4	9					4 P.M. Moderated Set T.S. 98.
5	9		"	"		6 do Sat My T.G. Sail Crotchets
6	9				29 60	
7	8					
8	8					At 9 P.M. heavy head sea
9	8		LbW	"		handed My T.G. Sail
10	8					
11	8					Charles Worton still sick off
12	8		South	NbW	29.70	duty
1	7					Winding to strong and squally
2	7					
3	7		LbE	LW	"	4 A.M. handed S.G.Sail & Set
4	7					the Fore Top Gallt Sails
5	7					Broke we left Liverpool
6	6					
7	6					
8	6				"	Latter part heavy Snow & Hail
9	6					squalls
10	6		"			Ship Charles Worton sick off
11	6				"	again handed sail the 2nd
12	6					time Came out left England
			"			

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SbW	167	—	—	46.26	61-14	18°E	—	61-26	W 61

From Liverpool towards Wellington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Friday 17 day of June 1881
1	5		South	WbW	6 Knots	Commencing blowing strong
2	5				29 70	WbW winds Frightful head seas
3	5					was obliged to bring to 5 Lords
4	5		"	"	"	also Main Sail take the Reef
5	5					Chocks Water 2 feet off deck
6	4					at 6 do still increasing with
7	4					frightful squalls wind & Hail
8	4		"	"	"	and snow pursued W 5 Laid Mn S.
9	3					Reef Topsail
10	3					Lost Sight of the Charges
11	3					at Dark
12	3		"	"	"	Midnight blowing a whole
1	3					Gale Guarded Topsail 5 Reefs & Lail
2	3		E S E	South		2 A.M. wind change to
3	3		WbN			South gone ship to WbW
4	3					Sail Lo Mn 5 Leads Reef Topsail
5	3					4 do Moderated Set Reef Mn
6	3		"	"	"	
7	4					Latter part Still Moderating
8	4					Set whole Courses and Lay Head
9	4		"	"	"	
10	5					At Meridian Moderate South
11	5					winds with Light passing snow
12	5		"	*	"	squalls At Mn the same

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South	80	—	—	46-55	46-40	16° E	—	61-30	W 6220

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Saturday 18 day of June 1881
1	5		NW	Moderate	29 70	Begins blowing a strong Gale
2	5		NbW	SW		winds 2 P.M. fine part Set T.G.S.
3	4			Light		Laid ship to South
4	4		South			Set ship Charges 6 Miles
5	4		"		"	to Leeward of Mn
6	4					5 P.M. wind South
7	4		WbS.	"		Sorted ship to WbS.
8	4					Chocks Water 2 feet off deck
9	4					
10	4		"		"	Middle part very squally
11	4					with Snow and Hail
12	4		NbW	"		
1	4				29 80	2 A.M. Landed 5 Reefs
2	4					
3	4		"	"		Hard Hard Hard Lusk
4	4					
5	4					
6	4		NW			At 6 A.M. Increasing Gale
7	4			"	"	Set Lails after Mainsail Set
8	4		LbE			& Am Laid ship to LbE
9	4					
10	4		"			At Meridian very dirty
11	4					SW winds Lower squalls
12	4			"	"	mind Hail and Snow
						At Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Noon	70	—	—	46-18	46 00	13° E	—	63 30	West

From Liverpool towards Wellington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun. 19 day of June 1881
1	4		LbE	LbyN	22 60	This day begins with Light
2	4					SW winds Sounded every Lead
3	4		"	"		Sails at 4 PM Took the ship
4	4		WbW	South		to WbW.
5	4				22 95	
6	4					At 6 0 M. squally and
7	4				"	Rainy Reef T.S. - W.T. Laid
8	4		"			Mn course
9	4		LW	LbE	30 40	
10	4					
11	4				"	
12	4		LbyS	LbyE		Midnight Light Breezes
1	4				30 10	South heavy squalls
2	4					
3	4		LW	LbE	"	At 4 A.M. fine Set whole
4	4					Top Sails Standed 40 fathom
5	4		LbyW	LbyE		
6	4				30 20	
7	4					Latter part fine Light
8	5		WbW	South	"	squalls & Mn Set T.G.S.
9	6					& Set whole Mainsail
10	6		West	LbW	30 25	
11	6					
12	5		WbW	LW	"	At Meridian Light Squalls
						WbW winds very much dwarfed

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Various	90	—	—	46 00	46-04	16 E	—	65 02	65 00

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 20 day of June 1881
1	5		LbE	LW	Reef	
2	5				30 20	Commencing with fine LW
3	5					winds Took the ship to LbE.
4	5					Set all Light Sails
5	5					
6	5		"	"	"	Chocks Water & still Light Ff
7	6					duty
8	7		LbyE	WbS	30 10	
9	7					Middle part fine Variable
10	7				"	winds & smooth Sea Sunshine
11	7		South	West		Weather all Light Sails
12	7			b	30 00	Set
1	7					
2	7			NW	"	
3	8		"	b/daily	29 90	
4	8				"	
5	8					
6	8				29 80	Latter part strong breezes & squalls from WbW to NW. cloudy
7	9		LbyE	"		Dirty Barometer falling
8	9			"	"	all Sail Set
9	9		"		29 70	8 P.M. Cape Blanco bore NW
10	9					dist 40 Miles from which I
11	9			West	"	take departure
12	9		"			At Meridian fresh WbW
						winds

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LbyE	160	—	—	49 36	48 36	16° E	—	64 46	W

From Liverpool towards Wilmington Del

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues 21 day of June 1881
1	8		LLE	LW	Bro'ts	Commencing with beginning
2	8				29 20	LW winds very squally all night
3	8		"			Set at 2 PM fired Light Devils 4 do
4	8			"	"	Tow & Mr. J Q Lewis
5	7					Charles Foster still sick off duty
6	7				29 60	
7	6		LE	LbyW	Current 1½	9 A M wind change to West
8	6				"	fires 2nd J Q Devils 10 do Royals
9	6		South	West		with flies but Barometer
10	6				29 50	falling
11	6			"	Current	
12	6		"		"	Midnight fresh & W winds
1	6			WbyN		
2	6		"			2 A M wind North blowing strong
3	6				29 40	fired all Light Devils 2nd J Q &
4	6			NW		
5	6				Strong	4 do blowing a while Gale Judged
6	6		"			Main Devil Tow & Mr Top Sail
7	6		LE			Sprung under a while M. S Sail Torn
8	6				29 30	
9	6					At 10 A M Moderated set M S Sail
10	6		LLE	NbyW	"	Reefed Sailing fast wind for the
11	6				29 20	Straits Lamar. At Meridian blowing
12	6		"	NWbyN		strong from N.W. to NNW Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LLE	184	—	—	57 40 N		23° W	65 06 W		

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 22 day of June 1881
1	8		LLE	NW	Bro't	Beg's with strong NW winds
2	8				29 20	Steady Sea with strong squalls of
3	8					wind and rain under whole
4	8					Top sail
5	8		"			Charles Foster still sick
6	8				29 10	off duty
7	8			WNW		Middle part fresh with
8	8					and Rainy with Snow part
9	8					last
10	8		"			
11	8			WbyN	29 00	Midnight Same weather
12	8					
1	8					
2	8		"	"		
3	8				29 10	Latter part strong NW winds
4	8					Reef'd Top Sails Main sail
5	8					
6	8		LE	LbyW		
7	8				"	at 10 A M got Light Sails and a
8	7					strong NW Gale Reefed 2 Reefs per hour
9	7	2	LbyE	LbyW	Strong	at Meridian Steady NW winds
10	6					Small sea
11	6		"	"	"	& Cross this day
12	6					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in	Lon. by Ob.
LE	190	—	—	54-12	53-52	23° W	6380	—	62 80

From Liverpool towards Wilmington Del

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 23 day of June 1881
1	7		South	NbyW	29 10	P.M. comes in with Strong
2	7					NbyW winds Steer SbyE with
3	7		"	"		fresh squalls & thick cloudy Weather
4	7					at 1 30 made Light Vessel
5	7					Lyw Dist 30 miles
6	7					
7	7		LbyE	WbyN	29 12	at 7 PM saw Light Vessel hauled
8	7					up for LbyE wind
9	7					with light rain and Sleet
10	7					passed 3 Barks bound West
11	7		"	"		
12	7				"	Midnight Strong
1	7					
2	7					at 2 PM spoke W J Sail
3	6		"	"		Mainsail 2 do 2 Staid Strong
4	6					furled Jib and Le M J Sail &
5	5				"	while furling W Tow Top Sail
6	4					Mast fell from the Yard Broke
7	4		"	"		his Right Arm above the Elbow
8	3					I at once Set it & he is
9	3					all right in his Bunk
10	3				"	Lights Steered Set
11	3		"	"		Tow & Sail Ref Course
12	3					at Meridian Straits Lamar Lat N

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
Varias	120	—	—	55-20	55-22	23° W	—	64 35 W	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Fri 24 day of June 1881
1	3		LLW	West	Bro't	This day begins Steering W by
2	3				29 15	N wind Sundry Ref J Sails Clear
3	3					Spanker M. Spencer 4 P.M. Lee 29 20
4	3		"	"		Lead by NW P.M. heavy squalls of
5	3					wind Hail Snow
6	3				"	Sanded Ref J Sails
7	3		"	"		2 Barks in company bound West
8	3					
9	3				"	The Broken Arm man very
10	3		"	"		Comfortable his Arm
11	3					Midnight very dirty and squally
12	3					with sharp Lightning Furled Royals
1	2				29 20	Le M J Sail
2	2		"	"		
3	2					Charles Foster still sick
4	2				"	off duty
5	2					At 4 P.M. moderated Set
6	2					Ref bound My J Sail
7	2		"			
8	2		LyW	WbyN	Strong	29 25
9	2					
10	3					Latter part heaving squally
11	3		South	WbyW	"	Set Ref M J Sails
12	3					at Meridian Part Cloudy
			"	"		in company all night weather

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
LLE	65	—	—	56° 10	56 05-24	23° W	—	64. 10	64

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 25 day of June 1881
1	3		South	WSW	Bearings	P M Comes on with fresh
2	3		SbW	WbS	2 2 5	W S W winds Heavy Squalls with
3	3					passing Squalls Sundry Reefs
4	3		SW	WbW		Set Mizl Course & 6 P M
5	4					wind S W Set Whole Topsail
6	4		SbW W	"		
7	5		WbW	SW		Middle part strong S W W
8	6				29 20	winds with Heavy Squalls
9	6			WbW		Broken Arm Reef Lay Easy
10	6		"			
11	6					At Midnight Set Reef Topsail
12	6		"	"	29 10	Furled W S W Squalls Heavier
1	6					Very dirty Barometer Falling
2	6					At 4 A M Furled Mainsail
3	6					Taken by Typhoon
4	6		"	"	29 5	
5	6					
6	5		SbW	WbW	"	6 A M Light airs & S W
7	5					blew whole gale Squalls Furled
8	4	8 2 1 1 Miles Sailed 67 days out	SbE	SW	29 10	Lower T.S. Set Close Reefed
9	2					Lower M.S. & Main Spencer
10	2					Reefed Sprit Sail
11	2		"	"	"	at Meridian
12	2		Set round the Ship			whole S W Gale Hove to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW	80	—	—	36 43	36 38	25° W	1 46	65 45	65 32

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun 26 day of June 1881
1	2		SbE	SbW	29 10	Begins blowing a whole S S W
2	2					Gale under Lower Main T Sail Main
3	2		South	SbW		Spencer At 3 P M Squalls Less and
4	2				"	Lower T to Top Sail
5	2		SbW	SW		At 4 P M still moderating Set
6	2				29 12	Reef T Sail Main Sail & do Set
7	2		"			Main T Sail Reef Upper Top Sail
8	2					& do Lower
9	5		WbW	South	"	9 P M wind from South Set Whole
10	6					Topsail & Foresail Main T.G. Sail
11	6				29 20	
12	6		"	"		Midnight blowing Strong Thick and
1	6				"	Rainy Furled M.S.G. Sail Reef
2	7					M.S. Topsail Foresail & do Furled
3	7				29 12	M.T. Sail Mainsail Reefed Thick
4	7		"	"		under 3 L.S. Sail Reef S. Sail
5	7					
6	6				"	At 6 A M very dirty wind
7	5					Light & Barometer Falling fast
8	4		"	"	29 10	At 9 A M wind Strength & West
9	3					blew a perfect Hurricane Gave Main
10	3		SW	WbW	"	Sail and M T Sail Reefed
11	2				29 00	Foresail Jib Lower Main & Spencer
12	2		"	"		Main T Sail Main Spencer

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
W 3 N.	80	—	—	57 10	57 00	24° W	2 00	68 00	

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon 27 day of June 1881
1	2		Light	NbW	29 00	P M. comes in blowing a
2	2					Whole N b W Gale under 2 Reefs
3	2				"	Main Topsails Main Spencer
4	2		"	"		Lower Mizl Staysail Set
5	2					At 4 do
6	2					6 P M. Squalls Less moderate
7	2					to 2 A M. 3 Lower Topsails Reef
8	2					Foresail Broken Arm Mark
9	2				"	very Easy
10	2		"	"		
11	2					Midnight Still blowing
12	2					a heavy N b W Gale with
1	2					heavy Squalls Foresail Reefed
2	2				"	Hauled
3	2					
4	2		"	"		
5	2					
6	2				"	
7	2					Latter part Increasing
8	2					with frequent Squalls
9	2	8 3 4 1 Miles Sailed 59 days out	"	"		Reefed Lower M & Fore Sail
10	2				"	At Meridian Blowing a
11	2					whole N b W Gale under 2 Reefs
12	2					Sail Main Spencer Hauled

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SE	50	—	—	57 35	None	25° W	1 10	67 00	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues 28 day of June 1881
1	7		SbW	West	29 00	Begins blowing a whole
2	7					N W Gale under 2 Reefs
3	3					Top Sail Main Spencer
4	3		South	SbW		& Storm wind N b W moderate
5	3					at 2 A M Set Reefed Top Sail
6	3					At Daylight
7	3		Sb E	SbW		Saw a Sail people employed
8	3					in Lowering Boat Lowered
9	3					Boat Manned & Pulled
10	3				"	with Provisions Snow Squalls
11	3		"	"		& Showers Snow on Deck
12	3					
1	3					Midnight Set Close
2	3				"	Reefed Mainsail Furled
3	3					
4	3		"	"		Latter part very
5	3					Squally and Lightning
6	3		SbE	SW		
7	3		SE		"	at 8 A M wind SbW veered
8	3		West	"		Ship to West
9	3					
10	3	8 4 1 1 Miles Sailed 70 days out	WbW	South		At Meridian very
11	3				"	Hazy and South with
12	3		"	"		Thick Snow So Ends

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon.
SE	70	—	—	38 40	None	24° W	1°	66 00	

From Liverpool towards Wellington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 29 day of June 1881
1	3		NNW	South	Dead	8 pm came in while Courses
2	3				29 10	Gale under 2 Lower Sails Dead
3	3					Main Spencer made Thick
4	3					and snow
5	3		11	11		
6	3					The Sick people remain
7	3				11	the same
8	3					
9	3		11	11		Middle part thick with
10	3				29 20	plenty Snow and Ice about
11	3					the Decks and Rigging
12	3					
1	3					
2	3		11	11	29 30	
3	3					
4	3					At 3 am moderated so
5	2		WbN	11		as to set 2nd Lower Mg T Sail
6	2				29 40	Ref Foresail
7	2					
8	2					Latter part Coffeeing
9	3		11			set Ref Mainsail Dist
10	3				11	at Meridian Lit weather
11	3		WbN	11		with Snow Squalls Kept
12	3					Lusk to Get round Cape

84 71 Miles Sailed 61 days out

Han—I Knows this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WbN	60	—	—	58 20	Lon 24 W	—	74 48		

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 30 day of June 1881
1	3		NbW	South	29 40	This day begins blowing
2	3					a Strong Gale Sundry
3	3					Lowers Sail Reef Fs & Ms Sail
4	3					4 PM moderating Employed
5	3					commence to Set at Wt Sail
6	4		11	"	11	whole Foresail
7	4					8 PM still moderating Set
8	4					T.G. Sails
9	4					Mdnight
10	4		11	SbE		SE winds very cold pleas
11	3				29 50	Ice about Decks also Snow
12	3					
1	3					Sick People remain the Same
2	3					
3	6		11	SE		Latter part fins SE
4	6				29 60	winds small Sea with
5	6					passing Snow Squalls all
6	6					Sail Set Sails Set this
7	6		WbS	11		light trans for 10 days the
8	6				29 65	first part for 9 days I
9	6					have been Obl to Set at
10	6		11			my Desk and we can
11	6			11	11	hope now we have Land
12	6					our next trans this passage

85 71 Miles Sailed 68 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
~~WbS~~	100	—	—	58 00	Lon 24 W	—	70° 60'		

From Liverpool towards Wellington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Fri 1 day of July 1881
1	5		West	East		Broke Commencing with Light
2	4				29 65	Baltic winds small Sea very
3	3					cold all Sail Set
4	2					
5	3		11	SE		At 6 PM wind SE Strong
6	4					Furled all Light Sails
7	4				29 30	8 do Increasing Reefed
8	4					Fallin Furled T.G. Sails
9	4		11	South		
10	4				11	Midnight Thick and Rainy
11	3					Ref Topsail also Cross
12	3					
1	3					
2	3		11		29 40	Weather much worse
3	3					Snow & Ice all melted
4	3					away from the Deck and Rigg
5	3				11	
6	3		11	11		Latter part thick and
7	3					Raining under Ref Topsail
8	3				29 30	Cross at Meridian the
9	3					same
10	4		11	11		
11	4				11	2 Sick People remain the
12	4					same this day

86 71 Miles Sailed 69 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WbN	70	—	—	57 18	Lon 24 W	2° W	74 04		

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 2 day of July 1881
1	4		WbW	WbN	29 30	
2	4					This day begins with
3	4					moderate NW winds small
4	3					Sea Hail Rain Showers under
5	3		SW	NbW	11	Ref Topsail Courses
6	3					
7	3					Broken Arm Man very
8	3				29 40	Ill
9	3					
10	3		SSW	West		Middle part Same
11	3					weather with Thick Mist
12	3				11	and Rain
1	3					
2	3					Calms Variable Still
3	3		11	11		Ship Rolling
4	3				11	
5	3					Latter part Same
6	3					weather with a
7	3		11	11		steady West wind
8	3				11	
9	3					at Meridian this Same
10	3					
11	3		11	11		Sail Sail Lusk to get
12	3				11	round in the Forepart

87 13 Miles Sailed 70 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SSW	72	—	—	58 16	57 54	23 W	73°-20=76°		

n.

From Liverpool towards Mitingten

Lun 3 day of July 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks,
1	4		SSW	West	Bard 6 P M	comes in with moderate
2	4			Westerly	29 38	winds small red
3	4		South	West		Thick Mist and Fog 2 gunell
4	4					at 3 P M. Saw Whale Spts Sail
5	4		NW	WbW	"	4 do Sailed ship E.NW. 2 Mt
6	4					3 Q Sails
7	3					6 do Light WbW winds
8	3					Saw all Light Sails
9	3					
10	2		"	"	"	
11	2					
12	1					Midnight Calm with
1	"					thick Mist and Fog
2	"					Sick People on Gaining
3	"		"	"	"	
4	"					
5	"					Latter part Light variable
6	"					airs with misty Showers
7	1		"	"	"	
8	2					all Sail Saw Porcupine
9	2					Standing on 29.35 Steady
10	2					
11	2		"	"	"	
12	3					Some hopes of getting to SE wind
						to get into Good weather

8 Days 3 Miles Sailed 88 Miles Sailed 97 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S W	40	—	—	57 - 50	57 - 56	25° E	1 —	58 20	58 00

From Liverpool towards Mitingten

Tues 5 day of July 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks,
1	4		West	NNW	29 60	6 P.M. comes in Squalley
2	4					and Misty under whole T.S
3	4		WbW	North		at 3 P.M. Sincerely Ref W 3 Sail
4	4					Man made Spouter
5	4				"	
6	4		"	"		6 do 2 tall Sincerely with
7	3					heavy Rain Ref Starboard
8	3					
9	3				"	
10	3		"	"		10 do very dusky Barometer
11	3				29 50	falling fresh W. 3 Sails
12	3					
1	3		"	"	"	
2	3					4 A.M. Furled Main Sail
3	3					3 do Very Nasty Gales
4	3				29 40	furled Foresail Sail Reefed
5	3		"	"		under 3 Lower Top Sail
6	3				"	Ref Spanker Spencer Set 5 Reefs
7	3					
8	2		"	"	29 30	at Meridian blowing a
9	2					whole Gale Squally Thick and
10	2					
11	2				"	Rainy under 3 Lower Top Sail
12	2		"	"		do Ends this dusky day

88 90 Miles Sailed 97 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S W by W	50 1/2 = 72	—	—	58 00	Non	25° E	2 11	81 - 30	None

Mon 4 day of July 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks,
	3		W by N	W	29 40	Begins with Moderate Pr
	3					winds with fog and Mist
	3		"			all Sail Saw
	3				"	Saw 1 Bark bound West
	3					Sick people remain very
	2					
	2				"	Middle part Light Airs
	2					and Squally
	2		"	"		
	2		WNW	SW	29.50	2 A M Landed Light
	3					Sails
	4					
	4		SW	WSW		5 A M wind WNW Took all
	4		SWbW	West		Ship to SW
	4		SouthSW	WNW	29 60	6 do Sincerely Landed
	4					Saw L & M. 5 Sail
	4					
	4		"	"	"	10 do Still Sincerely Landed
	4					M.S. Sail Ref Main Sail
	4					at Meridian Ref Spt Sail
	4		"	"	"	& Ends this Land South

8 Days 8 Miles Sailed 68 Miles Sailed 8 days out Land South Pitcairn Island Leeway 6 Points

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S W by W	20 28 = 48	—	—	57 45	Non	25° E	1 - 20	79° 20	None

Wed 6 day of July 1881

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks,
1	2		WbW	South	29 20	Begins blowing a whole
2	2					Southerly Gale upon 3 Lower
3	2				"	Top Sails 2 P.M. Sincerely
4	2		"	"	29 10	Sailed Le L. 5 Sail
5	2					4 do Goose Wing
6	2				"	Jibs and M 5 Sail
7	2				29 08	
8	2		"	"		
9	2				"	Middle part blowing Tempt
10	2				29 00	with heavy Rain
11	2		West	SbW	"	
12	2				28 90	Midnight Moderate wind
1	2		SW	WNW	"	Sailed Ne West some Ship to SW
2	2		SouthW	WbW	28 70	Barometer stop going down but
3	2					blowed a perfect Hurricane for
4	2				28 80	8 hours
5	2		"	"	"	
6	2					
7	2				28 90	up till 8 A M moderately
8	2		NbW	West	"	& Little Sail Saw 5 Sails
9	3				29 00	
10	3				"	10 do Sail Ref Jibs Saw Sails
11	3		"	"	29 10	at Meridian very Squally
12	3				"	Barometer rising

88 90 Miles Sailed 97 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
S W by W ½ W	20 28 = 48	—	—	57 54	Non	25	0 40	81° 30	None

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 7 day of July 1881
1	3		SSW	West	Port 6 PM	Comes in blowing &
2	3				29 10	whole Westerly Gale smoker.
3	3					3 Le S. Laid Reef Topsl Courst
4	3		"	"	"	4 PM moderated Set Reef
5	3					Reef Main Sail
6	3					& do Reef & S Sail
7	3				29 15	
8	3					
9	2		SbW	WSW		Middle part very befferling
10	2				"	
11	2					
12	2		"			Midnight very Ship to West
1	2		WbN	SW	29 20	wind Port with Light airs
2	2					
3	2		West	SbW	"	3 A M Calm
4	2					
5	1		WNW	"	29 30	Latter part Light
6	1					
7	1		West	SSW		Gathering Airs with heavy
8	1				"	Fog Showery Quite whole S Sails
9	1					Sails Set
10	2		"	"		
11	2					At Meridian Light Variable airs
12	2		"	"	"	under all Sail

Laid 69 miles on

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	46	—	—	57° 40	57° 20	25°W	40 E	79° 00' W	80 20

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 9 day of July 1881
1	7		WNW	SbW	29 15	Commences with Sb thro
2	7					SSW wind with heavy squalls
3	7				"	and Hail Squalls ground
4	7		"	"		whole Top Sails Course
5	7				29 20	
6	7					Sick people still gaining
7	6					
8	6				"	
9	6		"	"		Middle part still
10	6					squalls more moderate
11	6				29 30	with the heavy Seas
12	6					
1	5					Employing the Ship Read
2	5		"	"	"	and Tarry Rigging
3	4					
4	3				29 40	At 4 A M Calm with
5	1		Calm	Calm		passing showers squalls
6	1				"	Head Yards to the
7	1		"	"		Southward Employ. Rigging
8	1		NbW	SbW	29 50	at 8 A M Wind from South
9	3					veers Ship to NNW
10	4					at 10 Emergency Gulls
11	5		"	"	"	Reef Topsails Carry
12	6					At Meridian the Same

Laid 71 miles on

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SW ½ W	92	—	—	55° 40	Same	25°W	1 30	82° 50	Same

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun 8 day of July 1881
1	2		West	NNW	29 30	Begins with Light variable
2	3					winds with Misty Fog & calms
3	3		"	"		all said Watch
4	3					
5	3				"	Laid to Back bound East
6	3					
7	3		"	"		Middle part Moderate
8	4					
9	5				"	with Rain
10	5					
11	5					Sick people still Gaining
12	5		"	"	29 20	Midnight very Dark and
1	4					
2	4				"	
3	4		"	"		
4	3					4 AM Light airs with
5	2				29 10	Calms
6	2					
7	3		NbE	ENE		7 A M wind NbW veers
8	3		NNW	NbW	29 12	Ship to NNW
9	7				"	
10	7		"	"		Latter part Thick Lowering
11	7				29 15	Squalls Squalls
12	7					At Meridian the Same

Laid 72 miles on

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NNW ½ W	55-26=81	—	—	56° 50	Same	24°W	2 10	81° 10	Same

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon 10 day of July 1881
1	6		NW	NbW	29 50	PM comes on blowing & whole
2	6					Westerly Gale under Reef S.S.
3	4				"	Sails with heavy Squalls and
4	3		"	"		Rain Squalls
5	3				29 4	4 P.M still Increasing hard
6	3					with S Sails Course
7	3		NNW	West	"	
8	2					6 PM Shift wind to
9	2				29 30	West more Ship to NNW
10	2					
11	2		"	"	29 20	Sick people still gaining
12	2					Midnight very Dark and
1	2				29 00	Squalls Barometer falling
2	2				"	fast made no Sail
3	2				28 50	
4	2		"	"	28 80	
5	2					
6	2		NW	NbW	"	Latter part more moderate
7	2					Squalls Less Set Reef S Sail
8	2					Set
9	2					At Meridian Very Hard
10	2		"	"	28 85	Snow & Hail Squalls
11	2					under 3 P.S.S Reef Foresail
12	2				"	Brought nothing on

Laid 92 miles on

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NNW ½ W	25-30=55	—	—	55° 00	55 03	25°W	10	83° 00	83 04

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 11 day of July 1881
1	3		SW	NNW	Brad	Commencing with
2	3				28 80	Light Winds Hazy
3	3					Lon 5 Last Ref Foresail
4	2		"	"		1 PM. Hoisted Red Stripe
5	4				28 90	in each Main Jibb
6	4					Doors made Last Ref
7	5			"		5 PM wind South Modrt
8	5					Set Ref M & F Sail
9	6		"		29 00	8 PM observing a Leage
10	6		NNW	South		Gale fresh 20 Sail Less M
11	6					5 Sail more ship under 2 Lts
12	2		Noon Lat		29 10	Sail Ref 5 Sail
1	2					Midnight Sea do heavy
2	2		"	"		Ogle Squalls hove to for Ship
3	2				29 20	Ship 2 to 2 Smooth 10 AM Ship
4	2					a Sea Stove in Cabin Masters
5	2					Ship nothing Dreadful weather
6	2				29 30	Barometer Rising fast
7	4		NNW½W	"		7 A.M. Sea Smoother Squalls
8	5				29 40	Less Set Foresail for 5 Sail
9	6					Ease her before she upset
10	6		"	SSW	29 50	9 AM Moderated Set whole
11	6				29 60	Top Sail Jib at Meridian
12	6		"	"	29 80	wind SSW cloudy looking Hazy

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WbN	85	—	—	53.36	53 18	25°W	14	84°W	

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 13 day of July 1881
1	9		NW	West	Brad	Commencing with Light Airs
2	8				30 20	Water as usual Cloudy
3	7					Thick Misty showers
4	7		"	"		Set all Sail Ds Sails
5	6				"	Clear Water ahead Set
6	6					the first time Lower on Left Lg
7	5					Middle part strong and
8	5		"	"		Light with rain & Sq 2 PM
9	5				30 15	Reefed all Sail Ds Sails
10	5		NbW			10 do Set Lower Ends
11	5					with Squalls Ended Sq Squalls
12	5		North		"	
1	5		NE	NNW		Midnight Sailed Ship 6 Miles
2	4		West	"		
3	4				30 10	2 AM observing a whole Watch
4	4					Reefed to 5 Sails Moderate
5	4		LbW	West		
6	4		NW	"		5 do Wind West more Ship
7	4				"	to NW Set Ref to 5 Sails
8	4		"	"		also Moderate
9	4					Latter part more moderate
10	5		"		"	and whole 5 Sails Main Sail
11	5		NWbW	WbS		11 do Set Sq Sails at Ref
12	5					thick Mist with moderate Brz

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	70 20 10 = 100	84	5—	48 23	48 00	25°W	0 10	83-50	

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tus 12 day of July 1881
1	6		SW	WbN	Brad	Commencing with Light Airs
2	6		S	W	22 85	Winds Veering and Hazy
3	6		SbW	West		Squalls of Hail and Rain Barometer
4	8				"	Rising fast the Highest Run for
5	9					25 days Middle part Fresh Westerly
6	9		"	"	22 20	winds Set Fore & Main S Sails
7	9					Sick people start Gathering
8	9				"	
9	10					Midnight Shift by Dense wind
10	10		"	"	30 00	with Pressing Misty showers
11	10					Set Whole Mainsail
12	10				"	Saw 1 Bark bound South
1	9					
2	9				30 10	6 day we cross the Latitude
3	9		"	"		50° South which make 22 days
4	9				"	from 50° South in the Atlantic
5	9					to 50° South in the Pacific
6	9				30 15	have had bad weather all the
7	9		"	"		time which the Log will show
8	10				"	this day we have made the
9	10					best run for 25 days I hope
10	10				30 20	the will keep it up and make
11	10		"	"		her run to Wilmington 180 days
12	10				30 25	at Meridian Strong Westerly winds

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	180	—	—	50° 00	49 47	25° W	—	84° 00	83° 30

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thus 14 day of July 1881
1	5		NW	WSW	Brad	During these 24 hours before
2	6			10	30 10	Winds from WSW to NW with Thick
3	6			NW		Fog and Mist all said date
4	7					I do think this is the
5	7		"			dampest and meanest
6	7					weather I ever saw
7	7			"		ever Lead we left the
8	7					Irish Coast
9	7		"			I hope we will
10	8					get better before long before
11	8		NNW			every body get sick on board
12	8			"		I have taken to Laudanum
1	8		North			with a Dog Lends only by
2	8					nothing but Salt water I do
3	8					I have used up 2 of my Shirts
4	8		NbE	"	30 05	for do do up Jones Lapse I
5	8					carved off the wrecked Cape Horn
6	6					
7	6					
8	6		"	"		Latter part Strong Westerly
9	6					with thick Mist
10	6					At Meridian the
11	6				30 00	Dense we Enter this day
12	6		"	"		

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	136 28 164	132	51	45 25	—	34°W	0 57	82.32	

From Liverpool towards Wilmington Coast

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 15 day of July 1881
1	6		NW	ENE	Barom	Comd P.M. comes in with light
2	6				29 90	NW winds & all sea with
3	6					mist and rain
4	6					at 3 PM Stranger and
5	6		"	"	"	equally Ref Main Sail upper
6	5					Top Sails
7	4				29 80	
8	4					6 do Still increasing
9	4				"	Barometer falling Furled W.B. Sail
10	4		"			Main sail Ref Foresail Sail
11	4		NW	WbW	29 70	10 PM wind change &
12	4					West fires set Ref W.S. Sails
1	4				"	Ref Mainsail & Sails
2	4		"	"		Charles Watch off duty again
3	4				29 50	from Liverpool bound
4	4					Latter part light baffling Westerly
5	4		"	"		winds with passing squalls of
6	4				"	rain & Hail and Rain Sets
7	4					Whole Top Sail Barometer
8	4		NWbW	NWbW		standing in charge - weather
9	4				"	very unsettled
10	4					at Meridian this
11	4		"	"		Done Broke Arm Men.
12	4					Still Gaining & Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW by W	40/48 = 83	—	—	44-00	44 36	22 W	—	88 30	82 25

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun. 17 day of July 1881
1	8		WNW	SW	Barom	Comd P.M. comes in with strong SW
2	8				29 65	winds heavy been sea with passing
3	9					squalls wind and Rain
4	9					Spoke Ship General Sarochild
5	9		"	"	"	from L'p'l for Rangoon 77 days out
6	9					6 PM Stranger handed all light
7	9				29 70	Sails
8	9					Broke Arm Man still
9	10					gaining Chas Watch still off duty
10	10		"	"	"	Broke Arm at 4 PM daily
11	11					Midnight squalls increasing
12	11				29 80	also sea landed S.J. Sails & broken
1	11					
2	11			SbW		first fair wind we have had for
3	10		"		"	30 days. Hoping now to make a
4	10					good run
5	10			"	29 80	5 A.M. Moderated set S.J. Sails
6	10					
7	10		"	SbW	"	Latter part strong baffling winds
8	10				30 10	heavy sea with passing
9	9					all Light Sails &
10	9				"	at Meridian this done
11	9		"	"	30 20	General Gas Chas still on
12	9					Company & ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	285	—	—	40 12	40 20	21 W	4 —	85 10	85 00

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Lat. 16 day of July 1881
1	4		North	WNW	Barom	Commencing with light baffling
2	4				29 45	NW winds with squalls of
3	4					wind Hail and Rain
4	4					3 PM Sent Sail T.J. Sails
5	4		NNE	SW		Charles Watch still off duty
6	4				"	
7	4					Middle part very squally
8	4		"	"		wind from WbS to SW.
9	4					
10	4				"	
11	4		North	NW		Midnight Some weather
12	4					Barometer Standing on
1	4					29.45
2	4				"	
3	4		"	"		4 A.M. wind change to SW
4	4					fires set all Sail
5	4					
6	4		NWbW	SW	29 50	
7	4					
8	5		"	"	"	Latter part fine SW winds
9	6					small sea fine generation
10	7				29 60	all Light Sails Latter
11	8					at Meridian this done
12	8				"	Broke in company bound North

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW	100	—	—	43-00	42 50	22 W	—	81 20	81 35

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon 18 day of July 1881
1	9		NW	South	30 20	Commencing with strong
2	9					Southerly winds squally
3	8				"	with passing misty sea
4	8		"	"		
5	7				30 30	
6	6					
7	6					Middle part Moderate
8	5		"		"	and baffling with rain
9	5					
10	5		SW	WbN		
11	5				30 40	General Gas Chas still
12	5					on Company
1	5					
2	5				"	
3	5		NNW	West		Latter part Stranger on
4	5				30 50	baffling
5	5					all Sail Sets
6	5					
7	5		"	"	"	Sent Mr. Main T.J. Sails
8	6					also Royal Sail Mr. C.
9	6		NW	NbW	30 60	which had been before rep
10	7					the Cape at Meridian
11	7					steady NW winds smooth
12	7		"	"	"	sea fine weather all Sail

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NNW	130	—	—	38 20	38-02	19 W	—	86-00	Wat

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tuesday 19 day of July 18
1	6		NNW	NW	Reand P.M comes in with heffers
2	6		6	6	30 60 Westerly winds with passing
3	6		NW	NNW	" showers all light fair Latter
4	6				
5	6				
6	6		"	"	"
7	6				
8	6				Middle part still the
9	6				same weather
10	6				
11	6		"	"	"
12	6				
1	6				
2	6				
3	6				
4	6		"	"	" Latter part Light and
5	6				heffering at Meridian the
6	6				same
7	6				General Fairchild still in
8	6		"	"	" company & Leward
9	6				Crew employed repairing
10	6				M. Royal sails for bending
11	6				Broken arm Ingram still
12	6		"	"	" gaining strength Masts on deck
					& ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N by W	136	—	—	35-43	35-35	18°E	50	86,,50	86 50

From Liverpool towards Wilmington Call

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 21 day of July 1881
1	6		North	WW	Reand	During these 24 hours
2	6		5	6	30 50	heffering W W winds
3	6		NNE	NW		and Light Lead Fine weather
4	6					all said Lats
5	6					
6	6		"	"	"	General Fairchild still
7	6					in company
8	6					
9	6					Carpenter Employed all day
10	6				30 40	on Deck &c. Mending Sails &c
11	6		"	"		Middle part same
12	6					weather
1	6					
2	6					Broken Arm still
3	6		"	"		gaining
4	6				30 30	Latter part strong &
5	6					with Light heffering
6	6					
7	6		"	"	"	Clouds
8	6					at Meridian the
9	6					same
10	7					Crew employed
11	7		"	"	"	with Sails &c
12	7					

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW½W	140	—	—	31-43	31-16	15°E	—	84 20	84-40

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 20 day of July 18 81
1	5		NNW	West	Reand	P.M. comes in with heffering
2	5		6	6	30 60	NW to NNW winds and
3	5		NNE	SW		with passing Misty showers
4	5					
5	5					all hands on duty Except Ingram
6	5		"	"	"	Broken Arm Man.
7	5					Middle part same weather
8	5					
9	5					very heffering with Mist
10	5		"	"	"	and Rainy Barometer steady
11	5					on 30 60
12	5					
1	5					Latter part Light and
2	5					heffering
3	5					
4	5		"	"	"	at Meridian the same
5	5					
6	6					
7	6					Crew employed repairing
8	6		"	"	"	Sails and other Jobs
9	6					
10	6					
11	6					General Fairchild still
12	6		"	"	"	in company
						& Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WNW½W	130	—	—	33,,47	None	16°E	—	85-30	None

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Fri 22 day of July 1881
1	7		SSE	SW	Reand	
2	7		to	to	30 20	Commencing with strong SW
3	7		South	WNW		winds and Rainy and with passing
4	7					squalls.
5	7				"	4 P.M Stronger breeze and all
6	7		"	"		Light Sails
7	7					Lost sight of the General
8	7				30 10	Fairchild by going off the separate
9	8					Tacks
10	8		"	"	"	Middle part very heffering
11	8					thick and Rainy Sighted L.H. Ile
12	8					
1	8		NW	NW	30 05	Midnight wind & W strong
2	8					
3	8		NW½W	"	"	Crew employed in various jobs
4	8					& Ends
5	8				30 10	
6	8					Latter part heffering NW
7	8		"	"	"	winds with Rainy squalls
8	8					2 P.M Set S'l Sails
9	9				30 20	Carpenter
10	9					at Meridian strong
11	9		"	"	"	and Squally
12	9					& Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
WNW	170	—	—	28 28	28 30	25°E	—	84 25	84 25

From Liverpool towards Whitington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 23 day of July 1881
1	9		NNW	LW	Brent 30 30	Commencing with strong LW winds Lead & Lead breaking over the Ship fore and aft plenty of piercing squalls & rain and rather all cold Sails
2	9					
3	9					
4	9					
5	9		"	"	"	
6	9					Broken Arm Man still
7	9					groaning
8	9					
9	9					Middle part Steady LW
10	9					winds fine weather
11	8		"	"	"	
12	8					
1	8					
2	8					
3	8					
4	7					Latter part more moderate
5	7		"	"	"	
6	7					
7	7					At Meridian the Same
8	7					
9	6					Crew employed repairing
10	6					Sails sending up Studding
11	6		"	"	"	Booms working Ship for getting
12	6					in the L.E. Trades ended

11045 Miles Sailed 85 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	180	—	—	26°30	26 18	15°E	—	86.45	87.4

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun. 24 day of July 1881
1	6		NNW	LW	Brent 30 30	Commencing with P.M. comes in with strong LW winds small rain with light passing clouds.
2	6					
3	6					
4	6					
5	6		"	"	"	Present time & Throughout Fine
6	6					weather Sails per Mr Trade winds
7	6					
8	6					Broken Arm Man still Groaning
9	7		"	"	"	
10	7					
11	7			LLW		Middle part Steady all
12	7					Sail Sets
1	8				"	
2	8		"			
3	8					Carpenter & Cage Block Rat in
4	8					Eng Room in @ Bot Tack
5	8			Lond h-	"	
6	8		"			At 5 am wind LLE fine
7	8					Trades Set Studding Sails
8	8					
9	9			{LLE Trades}		
10	9		"	{runs}	"	Latter part Strong LLE Trade
11	9					wind all Sail Sets
12	9				"	So Ends this fine Sunday for 45 days Thank God

11209 Miles Sailed 96 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	160	—	—	24.30	24 18	14°E	2-10	84.10	85.15

From Liverpool towards Whitington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 25 day of July 1881
1	6		NEN	LLE	Brent 30 30	6 PM Commences with fresh LLE winds small rain with passing squalls all cold Sails
2	6					
3	6					
4	6		"	"	"	
5	6					Broken Arm Man still groaning
6	6					
7	6					
8	6		"	LE	"	Middle part Steady
9	6					
10	6					and equally
11	6					
12	6					
1	6		"	"	"	
2	6					
3	6			ESE to		Latter part Steady Moderate
4	6					from LLE to East with
5	6		"	LLE		Light misty showers
6	6				"	saw 1 Ship bound North
7	5					Still Sea Company
8	5		"	"		Crew employed in various
9	5				"	Jobs
10	5					Present & Past Fine and
11	5		"	"		so Ends this Day
12	5				"	

11353 Miles Sailed 89 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW ¾ N	158	—	—	23.10	22.53	13°E	2 30	91-40	91 45

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues 26 day of July 1881
1	5		NW	LE	Brent 30 30	Commencing with Moderate
2	5					LE winds small rain with
3	5					passing rain showers all cold
4	5					Sails
5	5					
6	5				"	Saw 1 more ship ahead bound
7	6		NNW	ESE		South. Every Employed making
8	6					ready the Rigging for Carving deck
9	7			21 23		and Upper Sails
10	8			19 27		Middle part Strong Easterly
11	8			1-5-6	"	winds small rain Sea tend
12	8		"	" 60		Steady
1	8			6		
2	8			96 80		Carpenter Employed repairing the
3	8			94 20	"	forward House
4	8		"	2 10 "		
5	8					Latter part Moderate
6	7					with Rain showers
7	7					
8	7			"	"	
9	4			ESE		At Meridian the Same
10	4			SE		1 Ship in Company bound
11	4			SSE	"	to London
12	4			ESE		Broken Arm Man still
			"			Groaning. So Ends this day

11532 Miles Sailed 88 days out

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW ½ N	170	—	—	21 23	21 23	12°E	—	94°20	94°26

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed 27 day of July 1881
1	7		NWbW	East	Beat 2 Points 30 30	This day begins with fresh Easterly winds small sea & light passing rain showers all this late
2	7					
3	7					
4	7	8	"	"	"	
5	7	8				
6	7	8				
7	7	8				Crew employed overhalling Gear Ropes and Sails ready for Tacking down
8	7	8				
9	7	8	"	"	"	
10	7	8				
11	7	8				
12	7	8				
1	7	8				Middle part strong and steady
2	7	8				
3	7	8				
4	7	8				
5	7	8	"	"	"	Latter part blowing with rain showers
6	7	8				
7	7	8				
8	7	8	"	E½E	"	At Meridian this Lame
9	7	8				
10	7	8				
11	7	8	"	"	"	Broken Arm Man still gaining
12	8					To Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	180	—	—	17 30	17 27	12° E	—	96 33	96 30

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thur 28 day of July 1881
1	7		NbyW	E by E	Beat 2 Points 30 30	P.M. Comes in with fresh E by E winds small sea fine weather all Sail Late
2	7			East		
3	7					
4	7					
5	7		"	"	"	
6	7					
7	7	8				Broken Arm Man still Gaining
8	8	8				
9	8	8	"	"	"	Middle part passing rain showers
10	8	8				
11	8	8				
12	8	8				
1	8	8				
2	8	8	"	"	"	
3	8	8				
4	8	8				
5	8	8				Latter part steady with light winds small sea fine weather
6	8	8				
7	8	8	"	"	"	
8	7					Crew employed in various jobs
9	7					
10	7					Carpenter Employed
11	7		"	"	"	repairing Fernd Head
12	7					To Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	180	—	—	17 28	17 20	11° W	2 -	98 00	98 05

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Fri 29 day of July 1881
1	7		NWbW	East	Beat 2 Points 30 30	Beats & commencing with strong Easterly winds small sea with passing rain showers all Sail Late
2	7					
3	7					
4	7	8	"	"	"	
5	7	8				
6	8	8				Broken Arm Man still gaining
7	8	8				
8	8	8	"	"	"	Middle part Lame weather
9	8	8				
10	8	8				
11	8	8				
12	8	8				
1	8	8				
2	8	8	"	"	"	
3	8	8				
4	8	8				Latter part strong and fine
5	8	8				
6	8	8	"	"	"	
7	8	8				
8	8	8				At Meridian this Lame
9	8	8				Crew employed
10	8	8	"	"	"	repairing Sails and other
11	8	8				Jobs Carpenter repairing the
12	8	8				Fernd Head. to Ends

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NWbW	200	—	—	15-06	15-02	9° E	3.00	102 00	West

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 30 day of July 1881
1	8		NWbW	East	Beat 2 Points 30 30	Begins with fine Easterly winds small sea fine weather all Sail Late
2	8					
3	8					
4	8					
5	8					
6	8		"	"	"	Carpenter Finish repairing the Fernd Head working at other jobs
7	8					
8	8					
9	8					Middle part light fine with S. Steady breeze
10	8					
11	8					all Sail Late
12	8					
1	8					
2	8					
3	8					
4	8					Latter Steady Easterly
5	8		"	"	"	winds steady & fine at
6	8					
7	8					Meridian this Lame
8	8	NE				weather S. by E. Last
9	8		"	"	"	which had been repairing
10	8					and other Jobs
11	8		"	"	"	Broken Arm Man still
12	8					Gaining to Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NWbW	230	—	—	12 35	12 34	6° E	-2 55	104° 55	W

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, June 21 day of July 1881
1	8		NW	East	Board	Begins with fresh Trade
2	8				30 20	winds & small rain
3	8					weather all sail set
4	8		"	"	"	
5	8					
6	8					
7	8					
8	8					
9	8		"	"	"	Middle part squally
10	8					
11	8					
12	8					
1	8					
2	8		"	"	30 15	
3	8					
4	8					Latter part steady Easterly
5	8					winds & small rain
6	8					& fine weather
7	8		"	"	"	
8	8					At Meridian this same
9	8					
10	8					Broken Arm Man still
11	8					gaining
12	8		"	"	"	So Ends this day

1357 Miles Sailed 93 days out

Variation Decreased 1/2 Point

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW½W	200	—	—	10 10	10 20	6° E	2-30	187 20	West

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 1 day of August 1881
1	7		NW	East	30 20	
2	7					6 P.M. Comes in with fine
3	7					Easterly winds & small rain
4	7					with Light heaving Clouds
5	8					good Night Hove To Boobys
6	8		"	"	"	Sound Ship Ship
7	8					
8	8					Broken Arm Man Still gaining
9	8					
10	8					
11	8		"	"	30 15	
12	8					
1	8					Middle hath Fresh
2	8					breezes cloudy & hazy
3	8					
4	8					
5	8		"	"	"	
6	8					
7	8					Latter part fine and
8	8					steady
9	8					
10	8					At Meridian this Same
11	8					Crew employed cleaning &
12	8					fine Sails & Laid about

1214 Miles Sailed 94 days out

Variation Decreased 1/2 Point

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW½W	200	—	—	8 00	7 46	6° E	2 10	189-15	West

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, June 2 day of August 1881
1	8		NW	East	Board	Throughout these 24
2	8				30 10	hours fine Easterly
3	8					winds & small rain fine
4	8					and warm all sail
5	8		"	"	"	set
6	8					Variable bending all our
7	8					fine weather sail
8	8					
9	8					Broken Arm Man still
10	8		"	"	"	gaining
11	8					Middle part same weather
12	8					
1	8					
2	8					
3	8		"	"	"	
4	8					
5	8					Latter part fine and
6	8					warm
7	8		"	"	"	
8	8					Crew employed repairing
9	8					sails setting up rigging
10	8					and other Jobs
11	8					So Ends this day
12	8		"	"	"	

1284 Miles Sailed 95 days out

Variation Increased 1 Point

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW½W	180	—	—	5-34	5 33	6° E	2-00	191.10	West

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 3 day of August 1881
1	8		NW½W	East	Board	
2	8			W	30 20	6 P.M. Comes in with Squally
3	8			SE		S.E. winds & small rain fine
4	8					and warm all sail set
5	8		"	"	"	
6	8					
7	8					Crew employed repairing
8	7					Sails jobs &c. Carpenter
9	7				30 05	down Setting Mains & Main Stays
10	7		"	"		Leaving Lenghnas of Backstays
11	7					
12	7					
1	7		"	"	"	
2	7					
3	7					Midday fine warm weather
4	7					
5	7					
6	7		"	"	"	
7	7					
8	7					Latter part strong &
9	7					steady At Meridian this
10	7					same Broken Arm Man
11	7					still gaining So Ends this day
12	7					

1307 Miles Sailed 96 days out

Variation Increased 1 Point

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW½W	175	—	—	3° 20	3 18	6° E	2 00	113-00	West

From Liverpool towards Wilmington

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs 4 day of August 1881
1	7				Bar 30 05	PM comes in with fine
2	7					SE winds small rain fine
3	7					and warm all said
4	7					Late Caught 6 Porpoise had
5	7		"	"	"	6 fresh fishes for heads Carp
6	7					1 Rat in my state Room
7	7					
8	8					
9	8					
10	8		"	ESE	"	Middle part Light
11	8					with freshing rain & heavy
12	8					
1	8					Crew employed setting
2	8			East		up Rigging Carpenter Employed
3	8		"		"	Caulking the Bulwarks out side
4	8					
5	8					Latter part fine and
6	8			ENE		Steady at Meridian
7	8		"		"	the same
8	8			NNW		
9	8				"	
10	8					Broken Arm Man
11	8		"	"	"	Still Gaining
12	8					& Emas this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbyE½E	183	—	—	0 44 South	0 38 South	6° E	1.30	14 30	West

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Fri 5 day of August 1881
1	8				Bar 30 05	Commencing with fresh ESE
2	8					winds & small rain fine, end
3	8					warm. all said Late
4	8					
5	7		"	"	"	Broken Arm Man still gaining
6	7					
7	6					Middle part moderate
8	6					Crew employed as the last
9	6		"	"	"	8 P.M.
10	6					
11	6					
12	6					
1	6					
2	6					
3	6		"	"	"	
4	6					
5	5					Latter part Light and
6	5					Steady very warm
7	5					
8	5		NbyW	East	"	At Meridian the same
9	5					
10	5			ESE		
11	5		"		30 W	Crew employed in Yards John
12	5					Carpenter Employed caulking Bulk

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbyW	170	—	—	1 40 North	1 55 North	6° E	0 25	14 5	25 W

From Liverpool towards Wilmington Coll

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat 6 day of August 1881
1	5				Bar 30 00	This day begins with moderate
2	5					breezes fine weather small sea
3	6					very warm.
4	6					all said Late
5	7		"	"	"	Employed setting up Rigging
6	7					and other Jobs
7	7					Carpenter Employed
8	8					caulking round the Inside Heads
9	8		"	"	"	also Bulk
10	8					Thing & W Course 11½ Knots per hour
11	8					
12	8					
1	8					Middle part Stronger
2	8					with freshing breeze
3	8		"	"	"	
4	8					
5	8					
6	8					
7	8				"	
8	8		NbyE	East		Latter part Light Steady
9	8					with small rain fine
10	8					weather
11	8		"	"	"	at Meridian the same
12	8					Same & ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbyW	190	—	—	4 58	None	6° E	—	116 25	West

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun 7 day of August 1881
1	8		NbyE	ESE	Bar 30 05	Begins with fine Cloudy
2	8					winds small sea fine
3	8					and warm.
4	7		"	"		
5	6				"	
6	6					Broken Arm Man gaining
7	6					slowly all the sick have
8	6		"	SE		left
9	5				"	
10	5					Middle part Light and
11	4					Steady with freshing rain showers
12	4		"	SSE	"	
1	4					
2	4					
3	4			South	30 W	
4	4		"			
5	4					
6	4					Latter part Steady and
7	4		NbyW	SW	"	fine
8	4					at Meridian the same
9	4					
10	4		"	WbyW	"	Ur prs in the Soldiers mess
11	4					used to the SE Trades working
12	4					to get into the NE Trades
			"	"	"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbyE	120	—	—	6 53	7 01	6° E	—	116 00	West

From Liverpool towards Kilkington Coll

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon. 8 day of August 1881
1	4					
2	4		NbW	NbW	Bar. 30 10	Commencing with fresh WbN winds & hazy weather
3	5					with heavy black appearance
4	5					laying all round the Horizon
5	5		"	"	51	
6	5					good many Fish round
7	5					the Ship
8	3					
9	5					
10	5		"	"	"	Middle heavy rain squalls
11	5					all Light Airs & Calm
12	5					
1	6					
2	6		"	"	"	
3	6					
4	6					
5	4					Latter part Light Variable
6	4		"	"	"	airs with Calms with
7	4					Light rain all this forenoon
8	3					
9	2					Crew employed scrubbing
10	1		"	"	"	Ship
11	1					Broke arm man Shift
12	2					Gaining Hour – Caught 2 Bonetta
						Fish Baked them for Dinner

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
South	100	—	—	8,40	None	6° E	—	—	116 W

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues. 9 day of August 1881
1	2					
2	2		NbW	NbW	Bar. 30 10	P.M. comes in with Light baffling
3	3					airs with rain
4	3					Low & Ship bound South
5	3					
6	3		"			
7	3		SbW	NbW	"	
8	3					
9	3					Middle part fine with
10	3		NbE	NbW		a baffling NW wind all sail
11	3					Set
12	3				30 05	
1	3		NE	NbW		
2	3					
3	3		"			
4	3		NbE	NbW	30 00	Latter part still Light
5	3					and baffling fine weather
6	3		"			Small ugly rising
7	3		SbW	NbW		passing Clouds
8	3				"	
9	3		NbW	West		At Meridian the Same
10	3					Crew employed Scrubbing
11	3					Ship
12	3		"	"	"	So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbE	72	—	—	9-32	9,47	6° E	—	114 46	W

From Liverpool towards Kilkington Coll

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 10 day of August 1881
1	3					
2	3		NbW	West	Bar. 30 05	This day begins with Light
3	4					Variable airs small rain
4	4					with thick passing clouds
5	4					good many Fish around this
6	6		"	"	"	Ship caught 2 Bonetta Fish
7	6					
8	6					
9	6					Middle part squally
10	6		"	"	"	filled up all two Watches
11	6					Sailed
12	6					
1	6					
2	4		"	"	"	
3	4					
4	4					
5	4					Latter part Light and
6	4					baffling with rain
7	4		"	"	"	at Meridian the Same
8	4					
9	4		NbW			Crew employed scrubbing
10	4					Ship in side and outside
11	4					
12	4		"	"	"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW	90	—	—	11-10	None	6° E	—	115-00	West

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Thurs. 11 day of August 1881
1	3					
2	3		NbW	West	Bar. 30 05	Commencing with Light
3	3					Variable airs small rain
4	3					passing rain showers
5	3					Lost a Man full over
6	3		"	"	"	board & the Scrubbing gear him
7	4					over the Stern with a rope
8	4					Broken Arm Man Shift gaining
9	4					
10	4					Middle part stronger
11	4					with fine weather
12	4					
1	4					
2	6		"	"	"	
3	6					
4	6					
5	5					
6	5					Latter still stronger with
7	5		"	"	"	a baffling Westerly wind
8	6					Sailed
9	6					at Meridian the same
10	6					Crew employed in
11	6					various jobs
12	6		"	"	"	So Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NbW.	90	—	—	12 54	N 26	6° E	—	115-16	West

From Liverpool towards Wilmington Cape

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, June 12 day of August 1881
1	4		NbW	WbN	Barometer 30 05	Begins with Light Westerly Airs Small Rain fine and warm all sail Set
2	4					
3	4					
4	4		"	"	"	
5	4					
6	4					Crew employed Sparking Sails, clewing Up & Furling the Sails Carpenter employed Calking Water Ways Decks sound & Wind- lasses Capstan
7	4					
8	4					
9	3		"	"	"	
10	3					
11	3					
12	3					Middle part very Light with passing Rain Showers
1	3					
2	3					
3	3		"	"	"	Saw 1 Large Turtle
4	3					
5	3					
6	3		NbW	WbW		Latter part Light and Variable with Calms
7	2					
8	2					
9	2		NbE	WbW	"	
10	2					At Meridian the Same very Dull
11	2					
12	2		"	"	"	

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
N½W	70	—	—	13 30	14-00	6° E	—	115-35	West

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sat. 13 day of August 1881
1	2		NbE	Baffling	Barom.	Begins with Light variable
2	2		North	Light	30 05	Airs Small Rain with passing
3	3		NbW	Breeze		Squalls of Rain weather Hazy
4	3					Hot and Sultry
5	3			to South	"	Crew employed in Oiling the
6	3		NE			Decks and other Jobs
7	3		West			
8	3			"		Middle part still Baffling
9	2					from West to North
10	2		EbN			Made 3 Tacks thro' the
11	2				"	Night
12	2		SbW	"		
1	3					Light Night under the Lee
2	3					Clew at Noon 89 " 48'
3	3					
4	3		"	"	"	
5	3					
6	3		"			At 7 am Tacked to West
7	3					
8	3		NE	"		At 9 do Cedars.
9	2		West		"	
10	1		Cedars			At Meridian the
11	Calm					Same & Ends this day
12			"	"	"	Cedars and Variable Airs

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
SbE	70	—	—	14 20	14 27	6° E	—	116-10	West

From Liverpool towards Wilmington Cape

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Sun. 14 day of August 1881
1			Calm	Calms	Barom. 30 05	This day begins with Calms
2						Fine and Hot Thermometer
3						95° in the Cabin
4						
5			"	"		
6						
7					"	
8	1					
9	2		"	"		Middle part Light
10	3		NW	WbN		Variable Airs all round
11	3			Westerly	"	the Compass with Rain
12	3		NbW			Showers.
1	2					
2	2		Calms	"		
3	2					
4	2					
5	2		NbE	"	"	
6	2					
7	2					Latter part Light Airs
8	3		NbW	North		from North but Rain
9	3					Squalls
10	3					
11	2		"	"	"	At Meridian the Same
12	2					& Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NW½W	20	—	—	14 36	None	6° E	—	115-22	West

H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Mon 15 day of August 1881
1	2		NbW	NbW	Barom.	Commencing with Light Airs
2	2					Squalls and Rain with passing
3	3					Showers all sail Set
4	3					
5	3					Crew employed in various
6	3		"	"	"	Jobs
7	3					
8	3					
9	3					
10	3					Middle part Moderate and
11	3					Differing "
12	3		"	"	"	
1	3					
2	4					
3	4					
4	4		NWbW	NbE	"	Latter part Stronger with
5	4					passing Rain Showers
6	4					
7	4					
8	4		"		"	At Meridian fine and
9	4					Differing very warm.
10	5					
11	5					Broken Arm Mon still going
12	5		"	"	"	To Ends this day

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
NWbW	80	—	—	15° 28'	15-38	6° E	1-40	117° 00	West

From Liverpool towards Wilmington

H	H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Tues. 16 day of August 1881
	1	6		NWbyN.	NbyE	Bad.	P.M. Comes in with fine
	2	6				30 05	NbyE winds small sea with
	3	7					Passing Squalls of Rain
	4	7					
	5	8					all Sail Sate
	6	8		"	"	"	Crew employed in various
	7	8					jobs.
	8	8					
	9	7					
1	10	7					
1	11	6		"	"	"	
1	12	6					
	1	6					Middle part fine NNE
	2	6					
	3	6					
	4	6					
	5	7		"	"	"	Latter fine and steady
	6	7					
	7	7					At Meridian the same
	8	7					
	9	7					Broken Arm man still going
1	10	7		"	"	"	
1	11	7					so ends this day
1	12	7					

C	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
8	NWbyN.	165	——	——	17 20	17.27	10 E	——	118 30	West

H	H.	K.	½ K.	Courses.	Winds.	Leeway.	Remarks, Wed. 17 day of August 1881
	1	7		NW	WNW	Bad.	
	2	7				30 05	During these 24 hours fine
	3	7					NNE winds small sea fine
	4	7					weather all Sail Sate
	5	8					
	6	8		"	"	"	Crew employed Sewing down
	7	8					ing
	8	8					
	9	8					Carpenter employed in
1	10	8					various jobs.
1	11	8		"	"	"	
1	12	8					
	1	8					
	2	8					I commence this Book Lat.
	3	8		"	"	"	13.11 1879. " 23 Watch ago. Begin
	4	8					d Sept. 13 in Lat. 9. 1 South 115
	5	8					West Pacific to the Southward
	6	8					where I am now on my Voyage
	7	8		"	"	"	to Queenstown for Orders
	8	8					
	9	8					Have Sailed from this Book
1	10	8					47830 Miles Sailed 475 days
1	11	8		"	"	"	Averages 100 330/475 Miles per day
1	12	8					W. H Bagley Master

C	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Ob.	Variation.	Diff. of Lon.	Lon. in.	Lon. by Ob.
8	NWbyN.	180	——	——	18 50	19 40	9 " E	——	120 37	West

7215 6328
4850 1216
2365 887

118
37
81